

CLASS **LD 2206** BOOK **B 9**
v. 40-41

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1941-42



HAVERFORD · PENNSYLVANIA

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v. 40-41

1941

JULY							SEPTEMBER							NOVEMBER						
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1942

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1943

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JANUARY							MAY							SEPTEMBER						
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HAVERFORD COLLEGE DIRECTORY — 1941 - 1942

HAVERFORD COLLEGE BULLETIN

Vol. XL

September, 1941

No. 1

Entered December 10, 1902, at Haverford, Pa., as Second Class Matter
Under Act of Congress of July 16, 1894.

Accepted for mailing at special rates of postage provided for in Sec. 1103.
Act of October 3, 1917, authorized on July 3, 1918.

FACULTY, OFFICERS, ETC.

Name		Address (Haverford unless otherwise noted)	Telephone Exchange (Ardmore unless otherwise noted)
Allendoerfer, Carl B.....	791	College Avenue	5426
Asensio, Manuel J.....	2	College Lane	9428
Babbitt, Dr. James A.....		Tunbridge and Blakely Rds... 50	
Bernheimer, Richard M.....	225	Roberts Rd., Bryn Mawr.....	
	Bryn Mawr	1427 W
Blanc-Roos, Rene.....		Lancaster & Garrett Ave., Rosemont	Bryn Mawr 2414
Brown, Henry Tatnall, Jr.....	1	College Lane	1222
Bushnell, Joseph, 3rd.....	3019	Midvale Ave., Philadelphia, Pa.	Germantown 0665
Cadbury, William Edward, Jr.		Graduate House	1779 W
Clement, Charles A.....		Woodside Cottage	3109 J
Clement, Wilmer B.....		Founders Hall, East	2396
Comfort, Howard	5	College Circle	3732
Comfort, William W.....		South Walton Road	455
Docherty, William, Jr.....		Haverford Villa, Ardmore, Pa.	3859 J
Drake, Thomas E.....	2	Pennstone Road, Bryn Mawr, Pa.	Bryn Mawr 1534
Dunn, Emmett R.....	748	Rugby Road, HaverfordBryn Mawr	2662
Ellsworth, Louis.....		Apt. 2F, Southmore Court, So. Ardmore, Pa.	
Evans, Arlington	324	Boulevard, Brookline, Upper Darby P. O., Pa.....	Hilltop 2043
Fetter, Frank Whitson.....	5	Canterbury Lane, St. Davids, Pa.	Wayne 2449 J
FitzGerald, Alan S.....		Warwick Rd. and Cotswold Lane, Wynnewood, Pa.....	1404
Flight, John W.....	753	College Avenue	4409 W
Gerig, Benjamin.....	510	Old Railroad Ave.	3031
Gibb, Thomas C.....	518	W. Beechtree Lane, Wayne, Pa.....	Wayne 1469 W
Green, Louis C.....		Buck Inn	Bryn Mawr 435 W
Gummere, Henry V.....		Apt. B-207, Shirley Court, Upper, Darby, Pa.....	Blvd. 1307 W
Haddleton, A. W.....	29	Tenmore Road...Bryn Mawr	1235 W
Henry, Howard K.....	1464	Drayton Lane, Penn Wynne, Pa.	3913 J

Name	Address (Haverford unless otherwise noted)	Telephone (Ardmore Exchange unless otherwise noted)
Hepp, Maylon H.....	Strafford, Pa.	Wayne 373 M
Herndon, John G.....	4 College Circle	364
Hetzel, Theodore B.....	768 College Avenue	4393 W
Holmes, Clayton W.....	3 College Lane	195 W
†Hotson, J. Leslie.....		
Johnston, Robert J.....	Woodside Cottage	3725
Jones, Rufus M.....	2 College Circle	2777
Jones, Thomas O.....	Founders Hall, East.....	2396
Kelly, John A.....	3 College Lane	4160
Lafford, Lindsay A.....	1 College Lane	3798 W
Laughlin, John S.....	Graduate House	9613
Laughlin, William S.....	Graduate House	9613
Lockwood, Dean P.....	College Circle	1402 J
Lunt, William E.....	5 College Lane	1507 W
MacIntosh, Archibald.....	3 College Circle	961
Melchior, Montfort V.....	612 Montgomery Avenue, Bryn Mawr, Pa.....	Bryn Mawr 2283 W
Meldrum, William B.....	747 College Avenue.....	881 J
Montgomery, George.....	6124 Columbia Ave., Overbrook Pa.	Glenwood 7811
Morley, Felix.....	1 College Circle	4712
Moseley, Merritt Wayne.....	Founders Hall, East	564
Newhall, William F.....	36 Tenmore Road.....	Bryn Mawr 2962
Oakley, Cletus O.....	Featherbed Lane	3109 W
Palmer, Frederic, Jr.....	7 College Lane	97 R
Pancoast, Omar.....	Whitehall Apts.	3160
Pfund, Harry W.....	624 Overhill Road, Ardmore.....	5532
Post, Amy L.....	C-3 Dreycott Apts.	1643 W
Post, L. Arnold	9 College Lane	258 M
Randall, Roy E.....	3 College Lane	195 J
Rantz, J. Otto.....	2122 Chestnut Ave., Ardmore, Pa.	
Redington, Edgar H. Jr.....	Hidden Lane Meadowbrook, Pa.	Ogontz 2530
Rittenhouse, Leon H.....	6 College Lane	5522
Ruof, Clarence H.....	Graduate House	9613
Sargent, Ralph M.....	791 College Avenue	3339
Scaife, Mary L.....	Haverford Gables, Apt. E-4.....	5117
Snyder, Edward D.....	36 Railroad Avenue	712
Steere, Douglas V.....	739 College Avenue	162
†Sutton, Richard M.....	785 College Ave., facing Walton Road	4155 W
Swann, Alfred J.....	612 N. Chester Rd., Swarthmore, Pa.	Swarthmore 2232 W
Taft, William H., II.....	Graduate House	9613
Taylor, Dr. Herbert W.....	457 Lancaster Avenue	2383
*Teaf, Howard Morris, Jr.....	207 W. Plumstead Ave., Lans- downe, Pa.	Madison 4297 J
Watson, Frank D.....	773 College Avenue	2937
Weil, Andre.....	222 East Benedict Avenue, South Ardmore	
Williamson, Alexander Jardine	4 College Lane	4023
Wills, William Mintzer.....	342 Merion Road, Merion, Pa.....	
Wilson, Albert H.....	765 College Avenue	Merion 521 1853

* Absent on leave, first semester, 1941-42.

† Absent on leave, 1941-42.

COLLEGE OFFICE AND BUILDING TELEPHONES*

Administrative Secretary, Mary L. Scaife	540
Alumni Office, Joseph Bushnell, 3rd, Secretary, Haverford Union.....	4338
Barclay Hall North	9506
Barclay Hall, South	9508
Barclay Hall, Center	9159
Business Office, W. M. Wills, Bursar	221
Dean, H. Tatnall Brown, Jr.	1441
Dean of Freshmen in Charge of Admissions, A. MacIntosh	1441
Founders Hall, East	9460
Founders Hall, Dormitory	9533
Founders Hall, Kitchen	9544
Graduate House	9613
Gymnasium	9512
Haverford News	4827
Haverford Review, M. W. Moseley, Editor	5289
Hilles Laboratory of Applied Science (Engineering)	1670
Language House, Manuel J. Asensio, Director.....	9428
Library	767
Lloyd Hall, Rooms 5-12	9520
Lloyd Hall, Rooms 13-22	9514
Lloyd Hall, Rooms 23-38	9628
Lyman Beecher Hall Chemistry Laboratory	387
Merion Hall	9458
Merion Hall Annex	9458
Morris Infirmary	763
President, Felix Morley	540
Power House	9540
Research Laboratory, Alan S. FitzGerald, Director	5092
Sharpless Hall (Physics and Biology)	950
Skating Pond	9561
Steward, Charles A. Clement	2942
Strawbridge Memorial Observatory	4796
Supt. of Buildings and Grounds, R. J. Johnston	2942

STUDENTS IN THE COLLEGE

In the last column is given the number of the student's dormitory room: Bn is an abbreviation for Barclay Hall, North; Bc for Barclay Hall, Center; Bs, for Barclay Hall, South; F, for Founders Hall; G, for Graduate House; Lg.H., for Language House; Ld.H., for Lloyd Hall; M, for Merion Hall; U, for Haverford Union; D, for day student. The field of major concentration is indicated in parentheses.

GRADUATE STUDENTS

Name	Home Address	College Address
GIBB, THOMAS C. (A.B., Dickinson College, 1938).....		D
..... (English)		
518 W. Beechtree Lane, Wayne, Pa.		
HERNDON, RICHARD MIDDLETON		G
(B.A., Washington and Lee University, 1941).....		
..... (Government)		
4 College Circle, Haverford, Pa.		
HOLMES, WINFRED HENRY		G
(B.S., William Penn College, 1940).....		
.....Chemistry		
Clemons, Iowa		
LADD, GEORGE A. (A.B., Dartmouth College, 1941).....		
..... (Sociology)		
29 Ledge Road, Burlington, Vermont		
(Living at Pendle Hill, 1941-42)		
LAUGHLIN, J. S. (A.B., Willamette University, 1940).....		F.East
..... (Physics)		
1705 Court Street, Salem, Oregon		
LAUGHLIN, WILLIAM SCEVA		G
(A.B., Willamette University, 1941).....		
..... (Sociology)		
1705 Court Street, Salem, Oregon		
MILLS, THEODORE MASON (A.B., Guilford College, 1941)		G
..... (Sociology)		
Grandview, Tenn.		
NEWHALL, WILLIAM FREEMAN		D
(A.B., Haverford College, 1941).....		
.....Chemistry		
36 Tenmore Road, Haverford, Pa.		
RUOF, CLARENCE H. (A.B., Gettysburg College, 1941).....		G
.....Chemistry		
Poplar Avenue, Hummelstown, Pa.		
START, LESTER J. (A.B., Hamilton College, 1941).....		
..... (Philosophy)		
Remsen, New York		
(Living at Pendle Hill, 1941-42)		
WATSON, GEORGE SMITH (B.S., Yale University, 1940)....		G
..... (Chemistry)		
700 Ardsley Road, Winnetka, Ill.		

SENIOR CLASS—1942

Name	Home Address	College Address
ABBOTT, CHARLES CONRAD	(Biology) R. D. 2, Bristol, Pa.	23 Bs
ADDOMS, JAMES NEAL	(Chemistry) 864 Park Place, Brooklyn, N. Y.	14 Ld.H.
ALDRIDGE, GEORGE LEWIS	(Economics) 401 Stiles Avenue, Maple Shade, N. J.	120 M
ANDERSON, WARREN DEWITT	(Latin) 537 45th Street, Brooklyn, N. Y.	6 Lg.H.
BAUER, RICHARD DEMME	(German) Alden Park Manor, Philadelphia, Pa.	11 M
BEDROSSIAN, E. HOWARD	(Chemistry) 4501 State Road, Drexel Hill, Pa.	29 Ld.H.
BELL, EDGAR DAWSON, JR.	(Government) Clearvue Road, Ingomar, Pa.	34 Ld.H.
BRODHEAD, BURNS	(Biblical Literature) 621 Rising Sun Avenue, Philadelphia, Pa.	37 Bc
BROUS, NORMAN SCATTERGOOD	(Mathematics) 107 Russell Street, Ridley Park, Pa.	D
BROWN, KNOX	(Government) 404 S. Linden Avenue, Pittsburgh, Pa.	38 Ld.H.
BROWN, RICHARD WILLITS	(Chemistry) Downingtown, Pa.	31 Ld.H.
BURFORD, NOBLE ALBERT, JR.	(Sociology) 42 Hill Road, Louisville, Ky.	33 Ld.H.
BYE, JOHN E.	(Biology) State Teachers College Upper Montclair, N. J.	D
CADBURY, THOMAS LLOYD	(Biology) 12 High Street, Moorestown, N. J.	5 M
CHILDS, ELEAZER EDWARDS	(Chemistry) 8 Brattle Road, Syracuse, N. Y.	33 Ld.H.
CLARK, JOHN ARTHUR	(History) 250 N. Mountain Avenue, Montclair, N. J.	43 Bc
COCHRAN, THOMAS CUNNINGHAM, JR.	(Economics) 206 S. Pitt Street, Mercer, Pa.	34 Ld.H.
DORIAN, ALAN LLOYD	(Biology) 4801 Connecticut Avenue, Washington, D. C.	26 Ld.H.
DUNHAM, ROBERT WILMER	(Engineering) 6863 N. 19th Street, Philadelphia, Pa.	44 Bc
DYE, ROY AUGUSTUS, JR.	(History) 111 Milton Street, Aliquippa, Pa.	44 Bc
ELLIOTT, JOHN YOUNG	(English) Alderson—Broadus College, Philippi, W. Va.	37 Bc
EMERY, DAVID AMOS	(Philosophy) 919 Creston Avenue, Des Moines, Iowa	36 Ld.H.
EMERY, EDGAR R.	(English) Schuylkill and Butler Avenues, Norristown, Pa.	31 F.East
EVANS, ARTHUR	(Chemistry) Awbury, Germantown, Philadelphia, Pa.	23 Ld.H.
FALCONER, WALTER CROSS	(History) 170 Pine Street, East Aurora, N. Y.	120 M

Name	Home Address	College Address
FLACCUS, EDWARD.....	(Biology) 109 Bryn Mawr Avenue, Lansdowne, Pa.	15 Ld.H.
FOREMAN, KENNETH JOSEPH, JR.....	(English) Davidson, N. C.	14 Lg.H.
FRANZEN, WOLFGANG.....	(Physics) 23 Theresa Place, Staten Island, N. Y.	1 F
FUST, JOHN ABERCROMBIE.....	(Chemistry) 231 W. 7th Street, Erie, Pa.	8 M
GARY, JAMES FREDERICK.....	(Chemistry) 300 Yale Avenue, Swarthmore, Pa.	6 M
GREER, CLIFFORD KIRK.....	(Biblical Literature) 415 W. Durham Road, Philadelphia, Pa.	D
GRIER, LOUIS NORMAN, JR.....	(History) 6931 Church Avenue, Ben Avon, Pittsburgh, Pa.	23 Ld.H.
GUENTHER, JACOB JARDEN, JR.....	(English) 510 Chester Road, Swarthmore, Pa.	7 Lg.H.
HAMBIDGE, GOVE, JR.....	(Biology) 64 St. Paul Street, Kensington, Md.	11 F
HARPER, HEBER REECE.....	(History) 223 Dalzell Avenue, Ben Avon, Pittsburgh, Pa.	17 Bs
HARRINGTON, EDWIN.....	(History) Sheaff Lane, Whitemarsh, Pa.	32 Ld.H.
HASTINGS, FRANK WILLARD.....	(Chemistry) 45 E. Church Road, Elkins Park, Pa.	14 F
HAWORTH, TIMOTHY PEYTON.....	(English) Brookside Road, Wallingford, Pa.	26 Ld.H.
HOWE, GORDON WALTER.....	(Chemistry) 7 Crandall Street, Adams, Mass.	15 Ld.H.
HSU, TA CHUN.....	(Economics) % Chinese Embassy, Washington, D. C.	14 M
JOHNSTON, FRANK DALLAS.....	(English) 1432 Columbus Avenue, Pittsburgh, Pa.	29 Ld.H.
JOHNSTONE, HENRY WEBB, JR.....	(Philosophy) Delwick Lane, Short Hills, N. J.	38 Ld.H.
JONES, THOMAS CANBY.....	(History) 1033 17th Avenue, N., Nashville, Tenn.	D
KAY, RICHARD.....	(Chemistry) 600 W. Olney Avenue, Philadelphia, Pa.	14 Ld.H.
KIRKPATRICK, MALCOLM SUYDAM.....	(Sociology) Forsgate Drive, Jamesburg, N. J.	31 Ld.H.
LAWRENCE, LINWOOD THEODORE, JR.....	(Chemistry) 210 W. Mt. Pleasant Avenue, Philadelphia, Pa.	43 Bc
MAGILL, JAMES PHINEAS, 2ND.....	(English) 117 Carpenter Lane, Mt. Airy, Philadelphia, Pa.	8 M
MCGANN, MALCOLM HOBART, JR.....	(History) 62 King Street, Reading, Mass.	12 Lg.H.
MCLELLAN, PHILIP FLETCHER.....	(Sociology) Martin and Old Railroad Avenues, Bryn Mawr, Pa.	D
MELDRUM, WILLIAM BUELL, JR.....	(Chemistry) 737 College Avenue, Haverford, Pa.	D
MILLER, ROBERT EVERTS, JR.....	(History) 2033 Willemore Avenue, Springfield, Ill.	120 M

Name	Home Address	College Address
O'CONNOR, PAUL RADELL.....	(Chemistry) 2629 N. Maryland, Milwaukee, Wis.	25 Ld.H.
OLSON, CHARLES ALEXANDER, JR.....	(Sociology) 301 E. 21st Street, New York, N. Y.	120 M
OULAHAN, COURTS.....	(Government) 3212 Reservoir Road, Washington, D. C.	24 Ld.H.
POOLE, DAVID MANCHESTER.....	(Engineering) 8 De Bary Place, Summit, N. J.	25 Ld.H.
RHODIN, THOR N., JR.....	(Chemistry) 543 E. 9th Street, Brooklyn, N. Y.	44 Bc
ROBERTS, KENNETH STOKES.....	(Engineering) 201 Chestnut Street, Moorestown, N. J.	15 Ld.H.
SAXER, LEWIS PAUL.....	(Chemistry) 4631 Lancaster Avenue, Philadelphia, Pa.	D
SCHAEFFER, CHARLES DAVID.....	(Chemistry) 30 N. 8th Street, Allentown, Pa.	23 Bs
SENSENG, DAVID MARTIN.....	(Chemistry) 309 Bangor Road, Bala-Cynwyd, Pa.	D
SKERRETT, W. HENRY W., JR.....	(English) Wayne, Pa.	D
SPAULDING, DONALD CHAPMAN.....	(English) 18 N. 23rd Street, Camp Hill, Pa.	13 M
STARR, ROBERT WALTER, JR.....	(Biology) 124 Decatur Street, Cape May, N. J.	12 M
SWEETSER, FRANKLIN PRATT.....	(French) 408 Merion Place, Merion, Pa.	7 Lg.H.
SZERLIP, EUGENE POOLE.....	(Biology) 43 Shepard Avenue, Newark, N. J.	30 Ld.H.
THOMPSON, DAVID CLARK.....	(Government) 51 Church Street, East, Bloomfield, N. J.	120 M
THOMSON, JOHN DARSIE.....	(Biblical Literature) 5850 Fifth Avenue, Pittsburgh, Pa.	30 Ld.H.
WARNER, GEORGE THOMAS.....	(Sociology) 4037 Michigan Avenue, Kansas City, Mo.	110 M
WEAVER, DANCY GRAY.....	(Chemistry) 238 Grove Street, Westfield, N. J.	12 M
WISE, JOHN HICE.....	(Chemistry) 21 S. 26th Street, Camp Hill, Pa.	17 M
WORRALL, WINFIELD SCOTT.....	(Chemistry) Newtown Square, Pa.	6 M

JUNIOR CLASS—1943

ADDOMS, JEREMY.....	(Government) 864 Park Place, Brooklyn, N. Y.	11 Ld.H.
ALLEN, JOHN M.....	(Engineering) 2861 Lee Road, Shaker Hts., Ohio	30 F
ANDERSON, EUGENE E., JR.....	(Latin) Sharon, Pa.	30 Bc
BAKER, DOUGLAS H.....	(Philosophy) 17 Washington Street, Middlebury, Vt.	13 F
BELL, ARTHUR H.....	(Engineering) Milton, Ulster Co., N. Y.	31 Bc

Name	Home Address	College Address
BOWMAN, MURDOCK S.....	(Chemistry) 414 E. 52nd Street, New York, N. Y.	32 Bc
BROWN, JARED S.....	(Chemistry) Mercersburg, Pa.	17 F
BROWN, MARVIN L., JR.....	(History) 478 Manheim Street, Philadelphia, Pa.	1 Bs
CADBURY, CHRISTOPHER J.....	(Philosophy) 7 Buckingham Place, Cambridge, Mass.	16 Ld.H.
COFFIN, TRISTRAM P.....	(English) Box 89, Edgewood Farm, Wakefield, R. I.	4 Ld.H.
COOLIDGE, DAVID A.....	(History) 1127 Kensington Road, Grosse Pointe Park, Mich.	7 Ld.H.
COPE, PAUL M.....	(Government) 151 S. Pennsylvania Avenue, Atlantic City, N. J.	30 Bc
DEWALD, JEFF.....	(Chemistry) 418 Central Park West, New York, N. Y.	D
ECKFELDT, THOMAS H., 3D.....	(Chemistry) 62 Bond Street, Fitchburg, Mass.	12 F
ENCK, JOHN J.....	(English) 15 Front Street, Lititz, Pa.	1 Ld.H.
EVANS, J. MORRIS.....	(Economics) Awbury, Germantown, Philadelphia, Pa.	35 Ld.H.
FERRIS, SUMNER W.....	(History) Governors Island, New York, N. Y.	35 Ld.H.
GAENSLER, EDWARD A.....	(Chemistry) 317 Linden Lane, Merion, Pa.	D
GILBERT, J. BRYSON.....	(Chemistry) Bethlehem Pike and Church Road, Whitemarsh, Pa.	29 Bc
GRALA, WILLIAM L., JR.....	(Government) 101 N. Church Street, Hazleton, Pa.	5 Ld.H.
HALL, HARRY S.....	(English) 119 N. Woodstock Street, Philadelphia, Pa.	D
HALLETT, DOUGLAS R.....	(Economics) 324 Forest Avenue, Ben Avon, Pittsburgh, Pa.	29 Bc
HAMILL, JAMES.....	(History) 426 Waverly Street, Palo Alto, Cal.	D
HARRIS, WILLIAM M.....	(Physics) 32 Portsmouth Terrace, Rochester, N. Y.	19 Bs
HAUGHTON, ANSON BALDWIN.....	(Engineering) Radnor, Pa.	D
HERMAN, JOHN F., JR.....	(Economics) Gordonville, Pa.	13 Ld.H.
HILL, JOHN F.....	(Engineering) 3415 Porter Street, N.W., Washington, D. C.	21 F
HOGNESS, JOHN R.....	(Chemistry) 5758 Blackstone Avenue, Chicago, Ill.	13 Ld.H.
HOWE, BYRON E., JR.....	(Chemistry) 7 Crandall Street, Adams, Mass.	37 Ld.H.
HUNTER, HOLLAND.....	(Philosophy) 105 E. Delaware Place, Chicago, Ill.	30 Bc
KIBBEE, LEWIS CROSSETT.....	(Economics) 47 Crafts Road, Chestnut Hill, Mass.	20 Bs

Name	Home Address	College Address
KIRK, DAVID B.....	(Mathematics) Mill Hall, Pa.	4 Bs
KRIEBEL, HOWARD B.....	(Biology) Moylan, Pa.	3 Ld.H.
LEE, EDMUND J.....	(Chemistry) 518 E. Auburn Avenue, Chestnut Hill, Philadelphia, Pa.	3 Ld.H.
LEVINTOW, LEON.....	(Chemistry) 5749 N. Fairhill Street, Philadelphia, Pa.	26 Bc
LIPPINCOTT, H. MATHER, JR.....	(History) East Lane, Chestnut Hill, Philadelphia, Pa.	3 Ld.H.
LITTLE, ELLIS F.....	(Chemistry) 65 Nunda Boulevard, Rochester, N. Y.	115 M
LUTZ, HOWARD T. B.....	(History) 318 N. Lansdowne Avenue, Lansdowne, Pa.	7 F
LYMAN, RUSSELL M.....	(Economics) 2101 N. Van Buren Street, Wilmington, Del.	9 F
MACCRATE, ROBERT.....	(Government) 134 Milton Street, Brooklyn, N. Y.	13 Ld.H.
MARSH, JOHN C.....	(English) 295 Auburn Road, West Hartford, Conn.	10 F
MASON, AVREL.....	(Engineering) Deep Run Farm, Perkasio, Pa.	35 Bc
MEADER, JOHN H.....	(History) 17 Colonial Avenue, Moorestown, N. J.	34 Bc
MOON, JOHN M.....	(Economics) 31 Penarth Road, Bala-Cynwyd, Pa.	31 Bc
MORSE, GEORGE FOXCROFT.....	(English) 74 Fernwood Road, Hamden, Conn.	113 M
NEWELL, STERLING, JR.....	(Government) 17845 Lake Road, Lakewood, Ohio	37 Ld.H.
OTTO, FRANK K.....	(Engineering) 2116 Kalorama Road, Washington, D. C.	5 Ld.H.
PATTON, RICHARD A., JR.....	(Chemistry) 105 Linwood Avenue, Ardmore, Pa.	D
PETERKIN, NORMAN.....	(French) 175 Cooper Avenue, Montclair, N. J.	26 Bc
RIDGWAY, STUART L.....	(Mathematics) 144 58th Street, Niagara Falls, N. Y.	5 Ld.H.
ROGERS, ALAN S.....	(Chemistry) 1320 DeKalb Street, Norristown, Pa.	16 Ld.H.
RYRIE, GEORGE M.....	(Economics) 1007 Henry Street, Alton, Ill.	24 Ld.H.
SATTERTHWAIT, ARNOLD C.....	(Greek) 35 N. Sixth Street, Reading, Pa.	36 Bc
SEVRINGHAUS, JOHN W.....	(Physics) 3914 Cherokee Drive, Madison, Wis.	7 Ld.H.
SHEPARD, SETH T.....	(Government) 51 W. Lenox Street, Chevy Chase, Md.	16 F
SHIHADAH, WILLIAM F.....	(Sociology) 113 Sutton Road, Ardmore, Pa.	32 Bc
SHINN, JOHN G.....	(Chemistry) 1705 Caton Avenue, Brooklyn, N. Y.	11 Ld.H.

Name	Home Address	College Address
SOMERS, DAVID D.....	(Engineering) 17 Front Street, Marion, Mass.	15 F
STEINS, KENEDON P.....	(Government) 518 Prescott Road, Merion, Pa.	1 Ld.H.
STEVENS, JOHN D., JR.	(Government) 475 Fifth Avenue, New Kensington, Pa.	30 F
STILES, E. CLARKE, JR.....	(Engineering) 512 California Avenue, Oakmont, Allegheny Co., Pa.	D
STUDWELL, WILLIAM A.....	(German) 15 Ashland Avenue, Pleasantville, N. Y.	2 F
SUTTERLIN, JAMES S.....	(French) 208 Wilkinson, Frankfort, Ky.	13 Lg.H.
TOMLINSON, ALEXANDER C., JR.....	(Economics) 114 W. Kings Highway, Haddonfield, N. J.	30 F
TORRENCE, HASKELL.....	(Chemistry) 20001 S. Woodland Road, Shaker Heights, Ohio	11 Ld.H.
TURNER, ALBERT E., 3D.....	(Government) 307 Hamilton Road, Wynnewood, Pa.	40 Bc
WARREN, WILLIAM T., JR.....	(English) 49 Thomas Avenue, Bryn Mawr, Pa.	D
WHITEHEAD, JOHN C.....	(Economics) 110 Summit Avenue, Upper Montclair, N. J.	35 Bc
WIDNEY, CARL E.....	(Economics) 10 Mitchell Place, New York, N. Y.	21 F
WILKIE, JOHN BALL.....	(Economics) Milton, N. Y.	36 Bc
WILLIAMS, HUGH R.....	(Chemistry) 81 Myrtle Avenue, Wyoming, Maplewood, P. O., N. J.	7 F
WINDER, DAVID A.....	(German) 432 Oxford Road, Brookline Pa.	7 F
WINDER, R. BAYLY, IV.....	(English) 5908 Cedar Parkway, Chevy Chase, Md.	30 Bc
WINGERD, WILLIAM N.....	(Government) Edgar Avenue and Riddle Road, Chambersburg, Pa.	4 Ld.H.
WOODWARD, WILLIAM H.....	(Engineering) Country Club Grounds, Dongan Hills, S. I., N. Y.	16 Ld.H.
YEAPLE, WHITNEY SEILER.....	(Latin) 267 Mulberry Street, Rochester, N. Y.	32 Ld.H.

SOPHOMORE CLASS—1944

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5506 Lombardy Place, Baltimore, Md.	
ALDEN, CHARLES SEYMOUR.....	14 M
2733 36th Street, N. W., Washington, D. C.	
ALVORD, ELLSWORTH CHAPMAN, JR.....	14 Bs
3512 Lowell Street, Washington, D. C.	
AMUSSEN, JOHN RUSSELL.....	33 Bc
125 Kenwood Avenue, Bethesda, Md.	
BAIR, GEORGE ELDRIDGE.....	9 Ld.H.
3 Park Avenue Terrace, Bronxville, N. Y.	

Name	Home Address	College Address
BAIRD, DONALD HESTON.....	2024 East Lafayette Place, Milwaukee, Wis.	9 Ld.H.
BALDERSTON, JOHN LLOYD, JR.....	1800 Angelo Drive, Beverly Hills, Calif.	18 Ld.H.
BEYE, CYRUS LOMBARD.....	422 Brown Street, Iowa City, Iowa	21 Bs
BOLGIANO, LOUIS PAUL, JR.....	4411 Norwood Road, Baltimore, Md.	7 Bs
BOYSEN, ALFRED CHARLES.....	25 Tyson Avenue, Glenside, Pa.	107 M
BUYERS, ARCHIE GIRARD.....	Picatinny Arsenal, Dover, N. J.	10 Ld.H.
CLARK, JOHN WILSON.....	Apartado 1252, Panama, Rep. of Panama	22 F
COCKS, GEORGE ROWLAND.....	George School, Pa.	6 Ld.H.
COMPTON, HORACE NEWTON, JR.....	622 Bryn Mawr Avenue, Penn Valley, Narberth, Pa.	D
CONN, WILLIAM KERR.....	5026 Saul Street, Philadelphia, Pa.	6 Bs
CRABTREE, JODIE DEE, JR.....	2121 Illini Road, Springfield, Ill.	15 Bs
CRAIG, CASSIN WINCHESTER.....	300 Maple Avenue, North Hills, Montgomery Co., Pa.	5 F
CURTIS, FREDERICK AUGUSTUS, JR.....	Granby, Mass.	39 Bc
DAVIS, DANIEL ELIAS, JR.....	"Glen Osborne," Sewickley, Pa.	8 Ld.H.
DAY, ROBERT BRIGGS.....	930 Fairway Drive, Warren, Ohio	20 Ld.H.
DOWNING, GEORGE VALENTINE, JR.....	427 Market Street, Salem, Va.	7 M
EAGER, HENRY ROBERT.....	303 Ten Eyck Street, Watertown, N. Y.	36 Ld.H.
EGGER, ALBERT JAMES, JR.....	21 Tuscan Road, Maplewood, N. J.	33 F.East
ELKINTON, THOMAS.....	45 E. Maple Avenue, Moorestown, N. J.	D
FITZGERALD, G. HOBART.....	Bronxville Lodge, Bronxville, N. Y.	14 Ld.H.
FOX, CHARLES EDWIN, JR.....	1520 Spruce Street, Philadelphia, Pa.	11 Bs
FRANTZ, JOHN ARTHUR.....	5433 N. Delaware Street, Indianapolis, Ind.	103 M
FREE, EDGAR DAUPHIN.....	6213 Morton Street, Germantown, Philadelphia, Pa.	6 Ld.H.
FUNK, ELMER HENDRICKS, JR.....	6307 Sherwood Road, Overbrook, Philadelphia, Pa.	D
GOERKE, EDMUND, JR.....	601 Union Avenue, Elizabeth, N. J.	22 Ld.H.
GOMEZ, MANUEL J.....	6106 Callowhill Street, Philadelphia, Pa.	D

Name	Home Address	College Address
GRAY, HENRY HAMILTON.....	R. 3, Box 499, Terre Haute, Ind.	22 F
GRIER, JESSE GYGER.....	6931 Church Avenue, Ben Avon, Pittsburgh, Pa.	10 Ld.H.
HADEN, JAMES COKE.....	2673 N. Park Blvd., Cleveland, Ohio	21 Ld.H.
HAMILTON, ALLAN C.	12 Park Avenue, Bronxville, N. Y.	18 Ld.H.
HAMMOND, EDMOND EMERSON, JR.....	Porter Road, Andover, Mass.	12 Ld.H.
HEDGES, WILLIAM LEONARD.....	205 Bowen Street, Providence, R. I.	4 Ld.H.
HILL, ROBERT WHITE.....	54 Kenilworth Avenue, Garrett Park, Md.	33 Bc
HOLLANDER, WALTER JR.....	2604 Queen Anne Road, Baltimore, Md.	18 Bs
HOPKINS, GEORGE DEARBORN.....	3137 O Street, N. W., Washington, D. C.	9 Ld.H.
HOUGH, JOHN TALCOTT.....	Mill Road, Falmouth, Mass.	16 Bs
HOUSTON, WILLIAM MCCLELLAND.....	6820 Prospect Avenue, Ben Avon, Pittsburgh, Pa.	10 Ld.H.
HOWE, WILLIAM EASTMAN.....	6 Hundreds Circle, Wellesley Hills, Mass.	25 Bc
HUBLER, GEORGE WALTER.....	Market Street, Auburn, Pa.	4 M
IRVING, EDWARD BURROUGHS, JR.....	3110 W. Penn Street, Philadelphia, Pa.	6 F
JACOB, ROBERT MORRISON.....	42 W. Francis Avenue, Pittsburgh (10), Pa.	8 Ld.H.
JONES, CORSON.....	9 Hesketh Street, Chevy Chase, Md.	9 Bs
JORDAN, ROBERT FAIRLES.....	1248 S. Grand Avenue West, Springfield, Ill.	6 Bs
KLEIN, JOHN SHARPLESS.....	41 Ashland Avenue, Pleasantville, N. Y.	109 M
KNOWLAND, WILLIAM EDWARD.....	Witherbee Court Apts., Pelham, N. Y.	27 Ld.H.
KROM, JOHN MCLAUGHLIN.....	117 Malba Drive, Malba, L. I., N. Y.	102 M
LEHMANN, WOLFGANG HANS.....	65 Argyle Avenue, New Rochelle, N. Y.	22 Bs
LLOYD, STEPHEN LLEWELLYN.....	1248 Post Road, Scarsdale, N. Y.	22 Bs
LOGAN, JOHN BRONSON.....	6001 Nevada Avenue, N. W., Washington, D. C.	21 Bs
LUKENS, PHILIP TINDEL.....	158 E. Butler Avenue, Ambler, Pa.	7 Ld.H.
MAGILL, DONALD.....	117 Carpenter Lane, Mt. Airy, Philadelphia, Pa.	101 M
MARSHALL, DAVID LEA.....	574 Warwick Road, Haddonfield, N. J.	12 Ld.H.

Name	Home Address	College Address
MATHIAS, CHARLES MCCURDY, JR.	Court Square, Frederick, Md.	21 Ld.H.
MC SHANE, WILLIAM ROBERT	318 Morgantown Street, Uniontown, Pa.	8 Ld.H.
MILLER, DANIEL KELLER	2033 Willemore Avenue, Springfield, Ill.	15 Bs
MOORE, GILBERT HENRY, JR.	Cromwell Bridge Road, Towson, Md.	7 Bs
MOORE, WARREN, JR.	Bon Air, Va.	109 M
MURPHEY, ROBERT WILSON	S. E. Cor. Tunbridge Rd. & College Ave., Haverford, Pa.	2 Bs
MYERS, GERALD EUGENE	7 Charles Street, Meshanticut, R. I.	8 Lg.H.
NORTON, RICHARD WILLIAM, JR.	6620 Broadway, San Antonio, Texas	2 Lg.H.
PEASE, ALFRED MORGAN, JR.	207 Bloomfield Avenue, West Hartford, Conn.	13 Bs
POST, ARNOLD RAE	9 College Lane, Haverford, Pa.	D
ROBINSON, DERRICK PATRICK MOORE	62 Moreland Avenue, Trenton, N. J.	104 M
ROESLER, JOHN BAIRD	130 Kings Point Road, Great Neck, L. I., N. Y.	12 Ld.H.
SHIPLEY, JAMES EMLIN, JR.	5269 Germantown Avenue, Germantown, Phila., Pa.	32 Bc
SHOFFSTALL, DONALD HUGH	76 Chestnut Street, Maplewood, N. J.	118 M
SMITH, HARRY ROYER, JR.	509 Brookview Lane, Brookline, Upper Darby, Pa.	6 Ld.H.
STOKES, DAVID EVANS	629 Church Lane, Germantown, Philadelphia, Pa.	20 Ld.H.
STOKES, SAMUEL EMLIN, JR.	"Broadacres," Moorestown, N. J.	14 Bs
STOTT, PAUL RICHARD	905 S. Main Street, Newark, N. Y.	39 Bc
STUART, SPENCER RAYMOND	10943 Longwood Drive, Chicago, Ill.	27 Ld.H.
SUTTON, HENRY CRAIG, JR.	Apartado 1715, Havana, Cuba	16 Bs
TAUSSIG, WILLIAM M.	90 Somerset Street, Belmont, Mass.	18 Ld.H.
THOMAS, CHARLES EDGAR, JR.	Darlington, Md.	19 F
VILA, HENRY SABAU	5713 N. Park Avenue, Philadelphia, Pa.	22 Ld.H.
WARREN, RICHARD HARDIN	115 Claremont Street, Newton, Mass.	2 Ld.H.
WATKINS, RICHARD WALKER	1120 N. Highland Avenue, Pittsburgh, Pa.	25 Bc
WENDELL, DOUGLAS CARY, JR.	135 Poplar Avenue, Wayne, Pa.	D

Name	Home Address	College Address
WIGFIELD, HARVEY.....	170 Dixon Street, Paterson, N. J.	22 Ld.H.
WIRES, JOHN STANLEY.....	18 Whiting Road, Wellesley Hills, Mass.	8 Lg.H.
WOOD, HOWARD PAGE.....	7406 Germantown Avenue, Mt. Airy, Philadelphia, Pa.	3 F
WORL, JAMES HOWARD.....	119 N. Walnut Street, Cambridge City, Ind.	20 Ld.H.

FRESHMAN CLASS—1945

ALFORD, CRANDALL, JR.....	Theoford Farm, McLean, Va.	17 L
ALLINSON, ANDREW P.....	Town's End Farm, West Chester, Pa.	24 Bs
AMBLER, WILLIAM W., JR.....	207 Lycoming Avenue, Willow Grove, Pa.	8 F
BACHE, KENNETH.....	15 Dickle Road, Scarsdale, N. Y.	52 Bn
BALDWIN, WARREN C.....	91 Nehoiden Road, Waban, Mass.	59 Bn
BALLS, KENT F.....	3406 Lowell Street, Washington, D. C.	50 Bn
BARNES, WILLIAM J., JR.....	146 Maple Street, Englewood, N. J.	114 M
BARTHOLOMEW, GEORGE A.....	1545 Beechwood Boulevard, Pittsburgh, Pa.	59 Bn
BASSERT, DAVID E.....	118 Highland Avenue, Bala-Cynwyd, Pa.	D
BENGE, JOHN H.....	237 Washington Street, Kennett Square, Pa.	105 M
BLOCK, EDWARD.....	810 W. Sedgwick Street, Mt. Airy, Phila., Pa.	68 Bn
BOTELER, CHARLES M., JR.....	5028 Massachusetts Ave. N.W., Washington, D. C.	33 Bc
BOWMAN, SIDNEY S.....	107 Quinlan Street, Lynchburg, Va.	3 M
BRINTON, EDWARD.....	Pendle Hill, Wallingford, Pa.	52 Bn
BUSH, JOHN H.....	4901 Hillbrook Lane, Washington, D. C.	5 Bs
CALHOUN, CREDE C.....	% Marsh, 295 Auburn Road, West Hartford, Conn.	8 Bs
CARTIER, GEORGE T.....	430 Old Lancaster Road, Haverford, Pa.	D
CARY, JOHN R.....	Box 233, New Hope, Pa.	67 Bn
CLEMENT, FREDERICK T. J.....	407 Woodland Avenue, Wayne, Pa.	D
COLE, RICHARD W.....	260 Case Avenue, Sharon, Pa.	17 Ld.H.

Name	Home Address	College Address
CORNMAN, GUY L., JR.....	Conshohocken State Road, Gladwyne, Pa.	D
CROSMAN, DORLAND L.....	447 Hillside Place, South Orange, N. J.	23 F
CUNNINGHAM, JOSEPH H., II.....	4733 Reservoir Road, Washington, D. C.	66 Bn
DEITSCH, PETER H.....	1075 Park Avenue, New York, N. Y.	70 Bn
DELONG, ROBERT P.....	1150 Linden Street, Allentown, Pa.	50 Bn
DE SCHWEINITZ, GEORGE L., JR.....	R. D. 2, Bethlehem, Pa.	1 U
DOMINCOVICH, PAUL H.....	236 W. School Lane, Germantown, Phila., Pa.	42 Bc
DORRIES, KARL R., JR.....	Harriton Road, Bryn Mawr, Pa.	D
DYER, JOHN A.....	Petersburg, W. Va.	60 Bn
EVANS, WARREN A.....	324 Brookline Boulevard, Brookline, Pa.	D
FAIRMAN, FRANCIS E., III.....	8 E. Benedict Avenue, Upper Darby, Pa.	D
FEROE, BARTON K.....	700 King Street, Pottstown, Pa.	19 Ld.H.
FETTERMAN, HENRY H.....	2608 Tilghman Street, Allentown, Pa.	51 Bn
FOX, SAMUEL M., 3D.....	805 The Cambridge, Alden Park, Germantown, Phila., Pa.	10 Bs
GAGER, FORREST L., JR.....	719 E. Willow Grove Ave., Chestnut Hill, Phila., Pa.	D
GILMORE, JAMES.....	1331 Inverness Avenue, Pittsburgh, Pa.	9 Lg.H.
GRANT, DAVID E.....	984 E. Circle Drive, Milwaukee, Wis.	58 Bn
GRUBB, KENNETH P., JR.....	3410 N. Hackett Avenue, Milwaukee, Wis.	19 Ld.H.
HAMILTON, RICHARD T.....	Rosslyn Farms, Carnegie, Pa.	12 Bs
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HARRER, JOHN M.....	525 Fourth Street, Brooklyn, N. Y.	60 Bn
HARVEY, RANDOLPH C.....	112 Chamounix Road, St. Davids, Pa.	D
HEIMLICH, ERNEST M.....	18 Lippincott Avenue, Long Branch, N. J.	72 Bn
HERNDON, GEORGE L.....	1419 Buchanan Street N.W., Washington, D. C.	D
HOPKINS, ROY H.....	7823 Greensfelder, St. Louis, Mo.	2 U
HSIA, DAVID Y.....	3525 Davenport Street, Washington, D. C.	68 Bn

Name	Home Address	College Address
HU, SSU-TU.....	3225 Woodley Road, Washington, D. C.	55 Bn
HULINGS, CLARK E.....	947 Boulevard, Westfield, N. J.	63 Bn
HUNTER, HENRY F.....	105 E. Delaware Place, Chicago, Ill.	20 F
HUSTON, JAMES M.....	819 Montgomery Avenue, Bryn Mawr, Pa.	D
JACKSON, RALPH B.....	28 Grove Street, Adams, Mass.	71 Bn
JOHNSON, LEWIS M.....	1256 Eastern Parkway, Louisville, Ky.	2 Ld.H.
JOHNSTON, JAMES R., JR.....	1339 Murdoch Road, Pittsburgh, Pa.	54 Bn
JONES, ARTHUR E.....	101 W. Hillcrest Avenue, Oakmont, Pa.	8 F
JOSLIN, BLACKBURN S.....	4400 Roland Avenue, Baltimore, Md.	67 Bn
KIRK, WILLIAM T., 4TH.....	200 South Street, Morristown, N. J.	24 Bs
LANKFORD, HENRY F.....	69 Prince William Street, Princess Anne, Md.	19 Ld.H.
LAWTON, M. POWELL.....	1301 Durand Drive, Atlanta, Ga.	G
LEHMANN, WILLIAM L.....	118 Redfield Place, Syracuse, N. Y.	38 Bc
LIBBON, JOSEPH A., JR.....	206 W. Rock Avenue, New Haven, Conn.	62 Bn
LORENTZEN, RICHARD P.....	4601 Waveland Court, Des Moines, Iowa	13 Bs
MALEY E. PAT.....	1414 Regina Street, Harrisburg, Pa.	1 Ld.H.
MALLERY, DAVID.....	9006 Crefeld Street, Chestnut Hill, Philadelphia, Pa.	64 Bn
MANN, PHILIP C., 2ND.....	33 Church Street, Beverly, N. J.	3 Bs
MARCH, ROBERT.....	4303 — 13th Street, N.E., Washington, D. C.	111 M
MATLACK, CHARLES W.....	King's Highway, Moorestown, N. J.	1 M
MCLAUGHLIN, JOHN G., JR.....	150 Lowell Avenue, Floral Park, N. Y.	2 M
MOODY, DAVID C.....	Lakeview Drive, Concord, N. H.	G
MORRIS, A. GREGORY.....	1034 S. Fifth Street, Camden, N. J.	56 Bn
MORRIS, J. PAUL, JR.....	604 Georges Lane, Ardmore, Pa.	D
PANCOAST, CHARLES E., III.....	515 Spring Lane, Philadelphia, Pa.	41 Bc
PIERSON, JOHN W., JR.....	1107 St. Paul Street, Baltimore, Md.	61 Bn

Name	Home Address	College Address
PINCH, WILLIAM, JR.	North Farm, Bristol, R. I.	106 M
PONTIUS, ROBERT G.	114 Oakland Avenue, Greensburg, Pa.	69 Bn
PRESTON, EDMOND, III.	531 E. Tulpehocken Street, Germantown, Phila., Pa.	18 F
PRINS, GEERT C. E.	77-15 — 113th Street, Forest Hills, N. Y.	8 Lg.H.
PURDY, DONALD A.	96 Sherman Street, Hartford, Conn.	42 Bc
RICKS, ARNOLD, III.	1506 Westwood Avenue, Richmond, Va.	58 Bn
ROBBINS, LEON C., JR.	Elmer, N. J.	15 M
ROOT, VERNON M.	5 Merrymount Road, Baltimore, Md.	61 Bn
ST. CLAIR, THURSTON, JR.	2301 W. 11th Street, Wilmington, Del.	66 Bn
SCHMIDT, CARL	517 Old Gulph Road, Penn Valley, Narberth, Pa.	D
SCHNAARS, JAMES A.	Congers Avenue, Congers, N. Y.	9 M
SHEPPARD, CHARLES R.	120 W. Cypress Street, Kennett Square, Pa.	53 Bn
SHIELDS, CHARLES AGARD	Torrington Road, Torrington, Conn.	10 Lg.H.
SMITH, DRAYTON M.	304-B Alden Park Manor, Germantown, Phila., Pa.	41 Bc
SMITH, MERLE B.	68 Euclid Avenue, Albany, N. Y.	17 Ld.H.
SNOKE, RALPH	789 Lakewood Avenue, Detroit, Mich.	28 Ld.H.
SWARTLEY, RAY M.	Woodland Drive, Lansdale, Pa.	28 Ld.H.
THOMAS, ALAN R.	P. O. Box 73, Radnor, Pa.	D
TRAINER, MASON	1368 Arlington Avenue, Columbus, Ohio	8 Bs
VALENTINE, RICHARD S.	130 N. Allegheny Street, Bellefonte, Pa.	9 Lg.H.
VAN HOLLEN, CHRISTOPHER	Bellona Avenue and Cedarcroft Road, Baltimore, Md.	5 Bs
VINSINGER, HENRY E., JR.	157 W. Main Street, Newark, Del.	69 Bn
WAITE, DONALD M.	1 Walton Road, Haverford, Pa.	D
WARNKEN, HENRY F.	81 Chestnut Street, Oneonta, N. Y.	53 Bn
WHITE, ROBERT B.	655 Fern Street, Yeadon, Pa.	D
WHITE, ROBERT P.	301 Brookline Court, Brookline, Pa.	D

Name	Home Address	College Address
WIDDICOMBE, STACEY H., JR.....	Meadowbrook Place, Phoenixville, Pa.	2 L
WRIGHT, JAMES B.....	7008 Wayne Avenue, Upper Darby, Pa.	38 Bc
WRIGHT, MARK L., JR.....	1422 Wyandotte Avenue, Lakewood, Ohio	4 F
YOUNG, CALVIN L.....	3743 Nortonia Road, Baltimore, Md.	108 M
YOUNG, LLEWELLYN P.....	1635 New Scotland Road, Slingerlands, N. Y.	51Bn

GRAD STUDENTS	11
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	348

HAVERFORD COLLEGE CATALOG

1941-1942



HAVERFORD COLLEGE BULLETIN
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SUPPLEMENT TO CATALOGUE

BULLETIN XL

Dated November, 1941

December 20, 1941.

Candidates for admission are hereby advised that until further notice the C. E. E. B. April examinations will be accepted for entrance purposes.

For information on the procedure in regard to the April examinations your attention is directed to page 21 of this Catalogue. As supplementary information to this statement it should be noted that *all* candidates are required to take the Scholastic Aptitude Test (including a mathematical section) and that after consultation with the College each candidate shall take three of the nine Achievement Tests:

Social Studies	Latin Reading
French Reading	Spanish
German Reading	Biology
Chemistry	
Physics	
Spatial Relations	

The June series of examinations will be used for late applicants and for any candidates whose status is still doubtful after the April examinations. In any case where the candidates' application diverges from the normal procedure, or where there are any questions, immediate communication with the Admissions Office is recommended.



CALENDAR

1941-1942

Registration of all new students.....	Sept. 15-17, 1941
Reporting of Freshmen to Dean MacIntosh.....	Sept. 16
Beginning of College Year with Assembly, 9:10 A.M.....	Sept. 18
Stated Meeting of the Board of Managers.....	Sept. 19
Annual Meeting of the Corporation of Haverford College at the College, 3:00 P.M.....	Oct. 6
End of First Quarter.....	Nov. 12
Beginning of Second Quarter.....	Nov. 13
Stated Meeting of the Board of Managers.....	Nov. 21
Thanksgiving Day.....	Nov. 20
Christmas Recess (dates inclusive)..	Dec. 21, 1941-Jan. 4, 1942
Stated Meeting of the Board of Managers.....	Jan. 9
Last First Semester classes.....	Jan. 15
First Semester Examination Period (dates inclusive)..	Jan. 19-30
Beginning of Second Semester, 8:30 A.M.....	Feb. 2
Stated Meeting of the Board of Managers.....	Mar. 13
End of Third Quarter.....	Mar. 28
Spring Recess (dates inclusive).....	Mar. 29-Apr. 5
Beginning of Fourth Quarter, 8:30 A.M.....	Apr. 6
First date for selection of Major Subjects by Sophomores.	Apr. 6
Last date for selection of Major Subjects by Sophomores.	Apr. 30
Last date for submission of Prize Manuscripts.....	Apr. 30
Stated Meeting of the Board of Managers.....	May 15
Last Classes for Seniors.....	May 16
Comprehensive Examination Period for Seniors.....	May 18-22
Last Second Semester classes.....	May 21
Second Semester Examination Period (dates inclusive)	May 25-June 5
Commencement Day.....	June 6

CALENDAR

1942-43

Registration of all new students.....	Sept. 14-16, 1942
Reporting of Freshman to Dean MacIntosh.....	Sept. 15
Beginning of College Year with Assembly, 9:10 A.M.....	Sept. 17
Stated Meeting of the Board of Managers.....	Sept. 18
Annual Meeting of the Corporation of Haverford College at the College, 3:00 P.M. (tentative).....	Oct. 5
End of First Quarter.....	Nov. 11
Beginning of Second Quarter.....	Nov. 12
Stated Meeting of the Board of Managers.....	Nov. 20
Thanksgiving Day.....	Nov. 26
Christmas Recess (dates inclusive) Dec. 20, 1942-Jan. 3, 1943	
Stated Meeting of the Board of Managers.....	Jan. 8
Last First Semester Classes.....	Jan. 14
First Semester Examination Period (dates inclusive) Jan. 18-29	
Beginning of Second Semester, 8:30 A.M.....	Feb. 1
Stated Meeting of the Board of Managers.....	Mar. 12
End of Third Quarter.....	Mar. 27
Spring Recess (dates inclusive).....	Mar. 28-Apr. 4
Beginning of Fourth Quarter, 8:30 A.M.....	Apr. 5
First date for selection of Major Subjects by Sophomores	Apr. 5
Last date for selection of Major Subjects by Sophomores	Apr. 30
Last date for submission of Prize Manuscripts.....	Apr. 30
Stated Meeting of the Board of Managers.....	May 14
Last Classes for Seniors.....	May 15
Comprehensive Examination Period for Seniors.....	May 17-21
Last Second Semester Classes.....	May 20
Second Semester Examination Period (dates inclusive)	May 24-June 4
Commencement Day.....	June 5

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HAVERFORD COLLEGE

HISTORY AND DESCRIPTION

Haverford College was founded in 1833. It owes its origin to the insight and energy of a few members of the Society of Friends who, in the spring of 1830, conceived the idea of founding an institution for education in the higher branches of learning. Its object, in the words of the founders, was "to combine sound and liberal instruction in literature and science with a religious care over the morals and manners, thus affording to the youth of our Society an opportunity of acquiring an education equal in all respects to that which can be obtained at colleges."

The founders were incorporated in 1833, under the laws of the Commonwealth of Pennsylvania, into the Haverford School Association, a body now known as the Corporation of Haverford College. This corporation elects a board of managers for the control of its affairs and for the administration of its funds. For the founding of the School sixty thousand dollars was raised, but the sum proved insufficient for its maintenance, and for many years the financial deficit was met by subscriptions of friends.

From 1845 to 1848 the School was closed in order to allow the funds to accumulate and to give time for the collection of an endowment. Since that time, by a number of generous bequests and donations, the amount of invested funds yielding interest has been increased to over four million dollars.

The College has a pleasant and healthful location in the township of Haverford, Delaware County, Pennsylvania, nine miles west of the center of Philadelphia. It is accessible by the main line of the Pennsylvania Railroad and by the Philadelphia and Western Railway. The selection of this site is thus described by the first managers: "We wished to procure a farm in a neighborhood of unquestionable salubrity—within a short distance of a Friends' meeting—of easy access from this city at all seasons of the year . . . recommended by the beauty of the scenery and a retired situation." And they reported that they had purchased for the sum of \$17,865 "an oblong tract of 198½ acres . . . nearly south of the *eight mile* stone on the Lancaster Turnpike."

This property has since been increased to 216 acres. While a por-

tion is retained as farm and woodland, a lawn of sixty acres was long ago graded and tastefully planted with trees and shrubs by a landscape gardener, so that the natural beauty of the location has increased with passing years. The grounds include seven fields, for football, baseball, cricket and soccer, a running-track, twelve tennis courts, and a pond for skating.

Parallel with its material growth there have been changes in the inner life of the College which have affected the methods of administration rather than the essential principles on which the institution was founded. It has gradually increased in number of students, but with an enrollment of 350 still enjoys the advantages of a small college. From the first it gave instruction of collegiate scope and grade. Accordingly, in 1856, the name was changed from *school* to *college* and the right to confer degrees was granted by the Legislature. In 1861 the preparatory department was abolished. General courses are now given in arts, science and engineering.

The endowment for salaries and pensions enables the College to maintain a faculty of unusual size in proportion to the number of students, and to expend for the instruction, board, and lodging of each student much more than he pays. The advantages of a central location are utilized by bringing to college assemblies, on frequent occasions, men and women who have established leadership in government, business and the professions.

In accordance with the modern ideals of religious and moral education, the students enjoy ample liberty, safeguarded by their wholesome physical life, by the traditions of the College, and by the intimate association with their professors and fellow students.

All examinations and tests are conducted under an Honor System administered by the Students' Association. Under the Honor System no person, either student or faculty member, acts as official proctor during examinations. Student self-government is further emphasized in every aspect of campus life.

The religious tradition bequeathed by the Quaker founders has been carefully cherished, and high ideals of life and conduct are maintained. Three times a month the College attends Friends Meeting in a body. The aims of Haverford have been gradually developing and its function is becoming more and more clear—"to encourage the growth, among a limited number of young men, of vigorous bodies, scholarly minds, strong characters, and a real religious experience."

A degree from Haverford College is in itself a certificate that the recipient is intellectually, morally, physically and socially

equipped to play his part, and in time assume a post of leadership, in the occupation and community of his choosing. A large proportion of Haverford graduates, however, customarily desire to supplement this equipment with distinctly professional education. For students desiring intensive preliminary training in medicine, the law, engineering, and other highly specialized subjects, the College offers combinations of courses which admit to the best professional schools with full standing, and in many cases with advanced credit.

Sample outlines of study at Haverford, preparatory to post-graduate specialization in all the major professions, have been prepared and may be obtained by application to the Director of Admissions. Whether or not he intends to proceed to graduate work the student will in all cases plan his course, and select his major subject, in consultation with faculty advisers.

The first College building was Founders Hall, erected in 1833 and still, with additional wings, in active use. The original astronomical observatory was built in 1852 and in 1933 was replaced by the present newly-equipped structure. The new library, constructed in 1940-41, has special facilities for research and contains approximately 150,000 volumes.

There are four separate dormitories and, besides modern classrooms, well-equipped laboratories for chemistry, physics, biology and engineering. The gymnasium was built in 1900; Roberts Hall, containing the college offices and a large auditorium, in 1903; the Haverford Union, used for many college activities, dates from 1910; the infirmary was built in 1912. In the summer of 1941 the college kitchens were completely modernized and a suitable campus dwelling was converted into a language house with resident director.

In addition to these buildings, made possible by the general and unfailing cooperation of alumni and friends of the College, there are a number of campus residences, occupied by members of the faculty and their families.

CORPORATION OF HAVERFORD COLLEGE OFFICERS

MORRIS E. LEEDS, *President*.....4901 Stenton Ave., Germantown, Phila.
 FELIX M. MORLEY, *President of the College*.....Haverford, Pa.
 J. HENRY SCATTERGOOD, *Treasurer*.....1616 Walnut St., Phila.
 Edward W. Evans, *Secretary*.....304 Arch St., Phila.

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OMAR PANCOAST, JR.

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American College of Life Underwriters
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The Dean, the Dean of Freshmen and the Registrar are ex-officio members
of the Faculty.

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A.B., *Haverford College*; M.D., *University of Pennsylvania*
Physician in Charge

HENRY VOLKMAR GUMMERE

S.B. and A.M., *Haverford College*; A.M., *Harvard University*
Director of the Strawbridge Memorial Observatory

ROBERT J. JOHNSTON

Superintendent of Buildings and Grounds

MANUEL J. ASENSIO

B.A., *University of Granada, Spain*
Pericial de Aduanas, Academia Oficial de Aduanas, Madrid
Resident Director of the Language House

MERRITT WAYNE MOSELEY

S.B., *Haverford College*
Director of Publicity

AMY L. POST

A.B., *Earlham College*
Assistant Librarian

MABEL S. BEARD

R.N., *Lankenau Hospital*
Resident Nurse

MARY L. SCAIFE

Administrative Secretary

STANDING COMMITTEES OF THE FACULTY AND ADMINISTRATION

The President and Deans are ex-officio members of all committees. These administrative officers, together with three elected divisional representatives of the faculty, compose the Academic Council. Under the chairmanship of the President this body meets weekly throughout the academic year to consider matters of college policy. The elected members for 1941-42 are Professors Fetter (Social Sciences), Oakley (Natural Sciences) and Post (Humanities).

Admissions

DEAN MACINTOSH, *Chairman*
PROFESSORS RITTENHOUSE, SNYDER, HERNDON, MELDRUM AND
MR. GUMMERE

Catalog

PRESIDENT MORLEY, *Chairman*
PROFESSORS ALLENDOERFER AND FETTER, DEAN BROWN AND
MR. WILLS

Curriculum and Honors

PROFESSOR WATSON, *Chairman*
PROFESSORS HERNDON, PFUND, RITTENHOUSE AND LOCKWOOD

Delinquent Students

PROFESSOR CADBURY, *Chairman*
PROFESSORS PALMER, HOLMES, GERIG, MR. BLANC-ROOS AND MR. DOCHERTY

Fellowship Recommendations

PROFESSOR POST, *Chairman*
PROFESSORS KELLY, GERIG AND CADBURY

Graduate Students

PROFESSOR LUNT, *Chairman*
PROFESSORS STEERE, DUNN, FLIGHT AND HOWARD COMFORT

Library

PROFESSOR DRAKE, *Chairman*
PROFESSORS LOCKWOOD, WILLIAMSON, HENRY, HETZEL AND SARGENT

Pre-Medical Education

PROFESSOR MELDRUM, *Chairman*
PROFESSORS DUNN, SUTTON AND DR. TAYLOR

Prizes

PROFESSOR PFUND, *Chairman*
PROFESSORS JONES AND MELCHOIR

Student Affairs

PROFESSOR OAKLEY, *Chairman*
PROFESSORS FLIGHT, WILLIAMSON, RANDALL AND MR. LAFFORD

Student Petitions

DEAN BROWN, *Chairman*
PROFESSORS POST, HOWARD COMFORT, HOLMES AND HENRY

GENERAL REGULATIONS

ADMISSION

The policy of Haverford College is to admit to the freshman class those applicants who, in the opinion of the Committee on Admissions, are best qualified to profit by the opportunities which the College offers and at the same time to contribute to the undergraduate life. Due regard is given not only to scholarly attainment as shown by examination and by school record but also to character, personality, and interest and ability in important extra-curricular activities.

Whenever practicable, the College will arrange for the candidate to have a personal interview with a representative of this institution. Every applicant should realize that, in view of the limited enrollment, he is entering a competition for admission to a select and comparatively small student organization. On the basis of all information available—College Board reports, school record, class standing, evidence touching on character and personality—the application will be accepted or rejected, and the decision of the Committee on Admissions is final. Preference will be given to those with superior records and credentials rather than to those with mere priority of application.

Students who are accepted will be admitted without conditions. To those who on entrance show marked proficiency in certain subjects, as a result of special tests provided, advanced standing in those subjects will be granted. On account of limited accommodations it is usually difficult to admit students to other than the freshman class.

Each applicant for admission must take the Scholastic Aptitude Test given by the College Entrance Examination Board, and usually the entrance examinations given by the same Board under one of the three plans specified below. Applications involving divergence from the normal procedure must be discussed in detail with the Director of Admissions. In addition the applicant must present, on blanks furnished by the College, his school record and a certificate of character signed by his school principal. The school certificate must show satisfactory attainment in 15 units* of work as follows:

* "A unit represents a year's study in any subject in a secondary school, constituting approximately a quarter of a full year's work. A four years' secondary school curriculum should be regarded as representing not more than 16 units of work."

HAVERFORD COLLEGE

APPLICATION BLANK

TO THE DIRECTOR OF ADMISSIONS, HAVERFORD COLLEGE,
HAVERFORD, PENNSYLVANIA

Under the conditions set forth on page 18 of the Haverford College Catalog for 1941-42, I hereby make application for the entry of (*write name in full*):

.....
First name Middle name Last name

as a student in Haverford College during the year 19.....

Date of birth.....Religious affiliation.....

School last attended.....

Course which he desires to enter (mark one):

ARTS

SCIENCE

ENGINEERING

Method of entrance:

School record and June College Entrance Board examinations as indicated below (mark one):

PLAN A—Examinations, any of which may be presented as preliminaries, in fifteen Carnegie units.
PLAN B—Examinations of the Plan A type, year of admission, in English, Mathematics and in one foreign language.

PLAN C—Examinations of the Plan A type, year of admission, in English, one foreign language and in the final year's work of two additional subjects taken during his last school year.

Languages presented for admission:

GREEK,	with.....	years of school preparation
LATIN,	"	" " " "	"
FRENCH,	"	" " " "	"
GERMAN,	"	" " " "	"
ITALIAN,	"	" " " "	"
SPANISH,	"	" " " "	"

Class which he desires to enter.....

Resident or Day Student.....

He desires accommodation involving an expense of \$.....
(Name and address of parent or guardian)

.....
.....19
Date Number Street
.....
City State

THE UNIVERSITY OF CHICAGO

LIBRARY

Author	Title	Year	Call Number
Smith, John	History of the United States	1890	973 S7 S6
Johnson, William	Principles of Chemistry	1885	540 J3 J4
White, Robert	Elements of Algebra	1875	510 W3 W4
Black, Thomas	Geography of the World	1865	910 B3 B4
Green, Charles	Principles of Physics	1855	530 G3 G4
Gray, Henry	History of England	1845	920 G3 G4
Hall, James	Principles of Mathematics	1835	510 H3 H4
King, George	Geography of America	1825	910 K3 K4
Lee, Edward	Principles of Botany	1815	580 L3 L4
Miller, John	History of France	1805	940 M3 M4
Nelson, William	Principles of Zoology	1795	590 N3 N4
Oliver, Thomas	Geography of Europe	1785	910 O3 O4
Parker, Charles	Principles of Astronomy	1775	520 P3 P4
Quinn, Robert	History of Germany	1765	940 Q3 Q4
Reed, James	Principles of Geology	1755	550 R3 R4
Steele, George	Geography of Asia	1745	910 S3 S4
Taylor, William	Principles of Meteorology	1735	550 T3 T4
Walker, John	History of Italy	1725	940 W3 W4
Young, Charles	Principles of Optics	1715	530 Y3 Y4
Zimmerman, Robert	Geography of Africa	1705	910 Z3 Z4

English.....	3 units
Mathematics.....	3 units
2 foreign languages.....	5 units†
Electives.....	4 units†
Scholastic Aptitude Test	

The three plans for admission are described as Plan A, Plan B and Plan C.

Plan A. If the candidate seeks admission under Plan A, he must take entrance examinations in *all* the subjects for which he seeks entrance credit. He may take examinations in any of these subjects as preliminary examinations a full year or more before he intends to enter Haverford College, but *only the June examinations* of the College Entrance Examination Board are accepted as preliminary examinations.

Plan B. If a candidate seeks admission under Plan B, he must take entrance examinations in three subjects—English, mathematics and one foreign language.

The mathematics will be either Mathematics Beta or Mathematics Gamma. The latter will gain advanced standing in mathematics in college. Mathematics Alpha will not be accepted for entrance.

The one foreign language required will be,

for the A.B. degree, Latin 4, H or K

or

Greek 2, 3 or H

for the S.B. degree, 3 years of either Latin, Greek, French, German or Spanish

Ordinarily these examinations must all be *taken and passed at one time*, either in June or September. Occasionally exceptions to this rule may be made in cases of students who have taken all of the examinations in June and have failed of entrance by a narrow margin. Such students may be allowed to omit in the September examinations subjects which they passed in June with creditable grades. Such exceptions, however, will be allowed only by special action of the Committee on Admissions.

Plan C. If the candidate seeks admission under Plan C, he will be required to pass satisfactorily the comprehensive examination in English, an examination in one foreign language (as indicated under Plan B), and two examinations in subjects taken during his last school year and covering the work of that year.

† If 4 units of Latin are offered, 6 units will be required for the two foreign languages, thus reducing the elective requirements to 3 units.

PREPARATORY SUBJECTS

The usual list of subjects* in which entrance examinations may be taken to satisfy the requirements for admission to Haverford College is as follows:

SUBJECT	UNITS	COLLEGE BOARD EXAMINATION
English, four years.....	3	English
Mathematics		
Elementary Mathematics.....	3	Mathematics β
Advanced Mathematics.....	4	Mathematics γ
Latin		
Two-Year Latin.....	2	Latin 2
Three-Year Latin—Prose Authors.....	3	Latin 3A
Three-Year Latin—Poets.....	3	Latin 3B
Four-Year Latin.....	4	Latin 4
Fourth Year Latin—Poets.....	1	Latin H
Fourth Year Latin—Prose Authors.....	1	Latin K
Greek		
Two years—Attic Prose and Composition.....	2	Greek 2
Third year—Homer.....	1	Greek H
German		
Two years.....	2	German 2
Three years.....	3	German 3
Four years.....	4	German 4
French		
Two years.....	2	French 2
Three years.....	3	French 3
Four years.....	4	French 4
Spanish		
Two years.....	2	Spanish 2
Three years.....	3	Spanish 3
Four years.....	4	Spanish 4
History		
Ancient History.....	1	History A
Modern European History.....	1	History B
English History.....	1	History C
American History.....	1	History D
English History and American History.....	2	History CD
American History and Contemporary Civilization...	2	History DE
Science		
Biology, elementary.....	1	Biology
Biological Sciences, two years.....	2	Biology
Chemistry, elementary.....	1	Chemistry
Physics, elementary.....	1	Physics
Physical Sciences, two years.....	2	Physics

A candidate for admission may offer electives either in the usual list or in such other subjects as may be approved in any given

* For the detailed requirements in each examination the candidate should refer to the annual circular of the College Entrance Examination Board. Headmasters and Principals of schools should have copies. (See p. 21 of this catalog.)

case by the Committee responsible for decisions concerning admission. Not more than one unit each may be chosen from these extensions, and then proficiency must be shown that indicates an amount of study and intellectual effort commensurate with that required in other subjects.

COLLEGE ENTRANCE EXAMINATION BOARD

April Examinations

Candidates for freshman scholarships and candidates for admission desiring early information on their status may take the Board's April tests held in over one hundred and fifty cities in all parts of the United States. In some cases a satisfactory showing on these examinations may prove sufficient for admission. The examinations consist of a scholastic aptitude test and a general achievement test, neither of which requires any particular program of study or special preparation. The scores are considered in relation to and in conjunction with the candidate's school record.

A fee of \$10 is charged by the Board for these examinations, applications for which must be filed with the Secretary not later than March 21, 1942. Candidates for examination west of the Mississippi and in foreign countries are required to file their applications not later than March 14, 1942. Applications will be accepted after these dates when it is possible to arrange for the examination of the candidates concerned, but only upon payment of \$5 in addition to the regular fee.

Blank forms should be secured from the Secretary of the Board, 431 W. 117th Street, New York City. In addition to registering for the April tests, applicants must inquire of the College as to whether or not they are eligible for scholarships. Information concerning the scholarships that may be available should be secured from the College.

Candidates who register to take the Achievement Test in April 1942 will be expected to select with the assistance of their colleges three of the nine sections of the test.

June Examinations

The College Entrance Examination Board will hold examinations in June 1942 at more than three hundred points in this country and abroad. A list of these places will be published about March 1, 1942. Requests that the examinations be held at particular points should be transmitted to the Executive Secretary of the

College Entrance Examination Board not later than February 1, 1942.

Detailed definitions of the requirements in all examination subjects are given in a circular of information published annually about December 1. Upon request to the Secretary of the College Entrance Examination Board a single copy of this document will be sent to any teacher without charge. In general, there will be a charge of thirty cents, which may be remitted in postage.

All candidates wishing to take these examinations should make application by mail to the Secretary of the College Entrance Examination Board, 431 West 117th Street, New York, N.Y. Blank forms for this purpose will be mailed by the Secretary of the Board to any teacher or candidate upon request by mail.

The applications and fees of all candidates who wish to take the examinations in June 1942 should reach the Secretary of the Board not later than the dates specified in the following schedule:

For examination centers

In the United States east of the Mississippi River or on the

Mississippi.....May 25, 1942

In the United States west of the Mississippi River or in Canada....May 18, 1942

Outside of the United States and Canada, except in Asia.....May 4, 1942

In China or elsewhere in the Orient.....April 20, 1942

An application which reaches the Secretary later than the scheduled date will be accepted only upon payment of \$5 in addition to the regular examination fee of \$10.

When a candidate has failed to obtain the required blank form of application, the regular examination fee will be accepted if the fee arrives not later than the date specified above and if it be accompanied by a memorandum with the name and address of the candidate, the exact examination center selected, and a list of the subjects in which the candidate is to take the Board examinations.

When the examination supplies of the local supervisor permit, candidates who have failed to file an application with the Secretary may be admitted, upon payment to the local supervisor of a fee of \$5 in addition to the regular fee, to all examinations except the Scholastic Aptitude Test. Such candidates should present themselves at the beginning of the period of registration, 8:45 A.M. or 1:45 P.M. A candidate who registers with the supervisor will receive from him a blank form of application which must be filled out and handed to the supervisor for transmission to the Secretary of the Board.

In order to exhibit their tickets of admission, and to obtain

seats in the examination room, candidates should report for a morning examination at 8:45 and for an afternoon examination at 1:45. An examination will close for candidates admitted late at the same time as for other candidates. The examinations will be held in accordance with the time (Standard Time or Daylight Saving Time) observed in the local schools.

No candidate will be admitted to the Scholastic Aptitude Test after the test has begun.

The Scholastic Aptitude Test may be taken upon the completion of the school course or at the end of the third year of secondary school work. Each candidate desiring to take this test, even though he is to take no other examination, must file with the Secretary of the Board the usual application for examination. Every candidate who registers for the test will receive a practice booklet containing a specimen test with blank spaces to be filled in by the candidate. In order to secure admission to the test, the candidate must present not only his ticket of admission but also this booklet with the spaces filled in as requested. If the Scholastic Aptitude Test is taken in connection with other examinations, no additional fee is required; if taken alone, the fee is \$5.

September Examinations

Examinations for emergency cases are held in September at a wide choice of examination centers. They may not be taken as preliminary examinations. No applicant should deliberately postpone his examinations until September, as he cannot be admitted at this time if the capacity of the College has already been reached. Applications for examinations are due in the office of the Board not later than Aug. 12, 1942; after that date applications will be accepted only on payment of a penalty fee of \$5 in addition to the regular fee. Requests for the cancellation of applications and the refund of fees, in order to receive favorable consideration, should reach the office of the Board not later than September 1, 1942.

COURSES OF STUDY

Haverford College recognizes each matriculate as an individual whose training in the past and whose plans for the future may differentiate him from his fellows. The College accordingly lays out tentatively an individual plan of study for each student at the beginning of his Freshman year. This plan is confirmed or modified for each succeeding year.

In making each plan, the College directs Faculty members to see to it that the student takes in his Freshman and Sophomore years certain courses which are required in *his* case and that he distributes his limited electives so as to make the plan both broad and sound.

Haverford College confers at graduation the degrees of Bachelor of Arts and Bachelor of Science, the requirements for the two degrees being identical except in the matter of foreign languages.

Twenty academic courses plus three Physical Education courses are required for graduation. The academic courses may be classified as follows:

Required.....	1
Limited Electives.....	5 or 6
(Foreign Language 1 or 2, others 4)	
Major Concentration (average).....	6
Free Electives.....	7 or 8
Total.....	20

REQUIRED COURSES

Two one-half year courses in English, and Physical Education 1, are required of all Freshmen. Physical Education 2 and Physical Education 3 are required of all Sophomores and Juniors respectively.

LIMITED ELECTIVES

1. Each student who is a candidate for the Bachelor of Arts degree should present at entrance 4 units of Latin* and 2 units of another foreign language or 3 units of Greek and 2 units of another foreign language. After entrance he must pass one course in Greek or in Latin (except Latin 1 and Latin 2).

Each student who is a candidate for the Bachelor of Science degree should present at entrance 3 units of one foreign language and 2 of another. After entrance he must pass either one course in a language which he has presented for entrance or two courses in a third foreign language.

2. Each student must pass one course or two half-courses in Literature, either English or foreign, from the following list: English 11a, 12b, 14b, 21a, 22b, 23a, 25a, 26b, 30b, 32b, 41a, 42b, and 43a; French 3, 4, 16b, 17a, 18b, 19a; German 4, 11a, 12b, 13, 14b, 15a, and 16b; Greek 2, 3, 7a, 8b, 9a, 10b, and 24b; Latin 3, 7a, 8b, 9a, 10b, 11, 15a, and 16b; Spanish 3, 5a, 6b, and 7.

* Candidates presenting only two or three units of Latin are referred to page 70.

3. Each student must pass one course involving laboratory work in Biology, Chemistry, or Physics.

4. Each student must pass one course or two half-courses chosen from Biblical Literature 1a, 2b, 5a, 4b, 6b, 8b; Philosophy 4b, 5, 10b, 7a, 9a, 15a, or Sociology 1a, 2b.

5. Each student must pass one course in Economics, Government, or History.

MAJOR CONCENTRATION

A student may elect to major in any one of the following departments: Astronomy, Biblical Literature, Biology, Chemistry, Economics, Engineering, English, French, German, Government, Greek, History, Latin, Mathematics, Philosophy, Physics, Sociology, Spanish.

Definite requirements of each department are stated under the name of the department on pages 49-81 and are understood as applying to the class of 1944. Before May 1st of his Sophomore year each student must confer with the Major Supervisor of the department in which he wishes to major, and must apply for written approval of a program of courses for the Junior and Senior years. Such a program must provide for the completion by the end of the Senior year of no fewer than six courses, at least three of which must have been in the major department and the others in closely related fields. Courses taken before the Junior year are included or not, at the discretion of the Major Supervisor. Should the student's application be rejected by the department of his first choice, he must immediately apply in another. Failure to file with the Dean, before May first, a copy of his Major program, signed by his Major Supervisor, will entail a fine of \$5. Any student who continues delinquent in this matter will be debarred from the final examinations in his Sophomore year. Should the student's application be rejected by all the departments to which he applies, he will not be promoted to the Junior Class.

A Sophomore who applies for permission to become a Major in any Department may be rejected *for scholastic reasons only*. The College rule on this point is:

If, at the time specified for application, the average of the grades obtained by a student in the preliminary courses and "major requirements" of any department is 75 or above, the student will be accepted by that department.

If the average of the grades obtained in these courses is below 70,

the student will be accepted in that department only under exceptional circumstances.

If the average of the grades obtained in these courses is 70 or above, but below 75, the decision will be at the discretion of the Major Supervisor, the decision to be made after consultation with one of the administrative officers of the College.

Interpretation:

The phrase "preliminary courses," above, is understood to mean any courses the student may have taken already in the department for which he is applying. If the applicant has not already taken any courses in that department, the department should name courses in other departments which might be regarded as "preliminary."

On a student's official major card shall be listed *only* those major courses and closely related courses which constitute his major program. The student chooses his own free elective courses for the Junior and Senior years, after consultation with his Major Supervisor, "whose power outside the field of major concentration is, however, merely advisory." (Catalog, 1937, page 36.) To permit the student to change his plans, at his discretion, regarding these free electives, they should never be included on the major card.

Each student shall consult with his Major Supervisor within the first two weeks of each semester during the Junior and Senior years for the purpose of reviewing his program of courses. Due notice of this responsibility is to be given by the Dean to the students and to the Major Supervisors.

Each Senior must take a special Major examination (written, oral, or both) during the week preceding the final examination period. (Class work for Seniors will close on Saturday, three weeks prior to Commencement Day.) The passing grade for this examination is 70. In case of failure a candidate may, with the permission of his Major department, present himself for re-examination at a date (to be determined by the Major Supervisor) later than Commencement Day of the current year.

If the re-examination be taken one year later, during the regular period of major examinations, there is no fee. But if the candidate applies for re-examination at an earlier date (involving the preparation of a special examination for one individual) and if the request is granted, the fee is \$25.00.

A student who has been formally accepted as a Major by any department has the right to remain as a Major in that department

as long as he is in College. Should he wish to change from one department to another after the beginning of his Junior year, the change can be made only by the consent of the two Major Supervisors concerned and the Dean.

In order to allow time for preparation for the Major examination, any Senior may omit, with the consent of his Major Supervisor, one non-Major half-year course in the second half-year.

Mid-year and final examinations in the Major subject in courses taken in the Senior year may be omitted at the discretion of the Major Supervisor.

FREE ELECTIVES

A number of courses sufficient to bring the total to twenty-three shall be chosen by the student, with the understanding that for the Freshman and Sophomore years the College reserves the right through the deans to prevent unreasonable combinations of courses but that in the Junior and Senior years the student will choose his free electives after consultation with his Major Supervisor, whose power outside the field of major concentration is, however, merely advisory.

Freshman Program

Although the Dean of Freshmen is instructed to lay out for each Freshman a plan of study suited to his special needs, the Faculty requires that English be taken throughout the year, and recommends in all usual cases that Freshmen take one or two foreign languages, and two or three courses chosen from History, Mathematics, and Science, not more than one in any one of those fields.

The courses open to Freshmen, in addition to the required work in English and Physical Education, are:

Biology 1 or 2	Greek 1, 2, 3
Chemistry 1 or 2	History 1
Engineering 1a, 2b, 10b	Latin 1, 2, 3, 7a, 8b, 9a, 10b
French 1, 2 or 3	Mathematics 1
German 1, 2 or 3	Physics 1
Government 1	Spanish 1 or 3

In special cases, Freshmen may be admitted to certain other courses with the consent of the Dean of Freshmen.

A Freshman will not be permitted to take more than five courses, in addition to Physical Education, except with special consent of the Faculty. As to requisite grades, see page 38.

Sophomore Program

Each Sophomore must take five courses, besides Physical Education, and may not take more than five, unless he receives the special consent of the Faculty, or is required to repeat or substitute a course, in which case he must obtain the consent of the Dean to take more than five courses. As to requisite grades, see page 38. The following courses are open to Sophomores:

Astronomy 1a, 3	Greek 1, 2, 3, 7a, 8b, 9a, 10b, 11a, 12b, 24b
Biblical Literature 1a, 2b, 5a, 4b, 6b, 8b	History 1, 2, 3, 5, 6, 13a, 14b
Biology 1, 2, 3, 4, 5	Italian 1, 2
Chemistry 1, 2, 3, 4	Latin 1, 2, 3, 7a, 8b, 9a, 10b, 11, 13a, 14b, 15a, 16b, 17
Economics 1	Mathematics 2, 3, 13a
Engineering 1a, 2b, 3a, 4b, 5a, 7a, 8b, 10b	Music 1, 2
English 4b, 11a, 12b, 14b	Philosophy 1a, 4b, 5, 11a, 15a, 9a
French 1, 2, 4	Physics 1, 2
German 1, 2, 3, 4, 9a, 11a, 12b, 16b	Sociology 1a, 2b
Government 1, 3	Spanish 1, 3, 5a, 6b

Junior Program

Each Junior must take five courses, besides Physical Education, unless he receives the consent of the Faculty to take a greater number, or is required to repeat or substitute a course, in which case he must obtain the consent of the Dean to take more than five courses. A general average of 70 for the year is a prerequisite for promotion to the Senior class.

Senior Program

Each Senior must take five courses, unless he receives the consent of the Faculty to take a greater number or the consent of his Major Supervisor to drop one course in the second half-year, or unless he is required to repeat or substitute a course, in which case he must obtain the consent of the Dean to take more than five courses. A general average of 70 for the year is a prerequisite for graduation.

Special Cases

Whenever a student gives proof of special aims and abilities, the College is prepared to lay aside such requirements of the preceding plan as stand between him and the accomplishment of his ambitions.

CONFLICTING COURSES

A student is not allowed to elect conflicting courses, except with the permission of the Dean and the two instructors concerned. In case of conflict involving a repeated course the repeated course takes precedence.

INTERCOLLEGIATE COURTESY

Because of the cooperative relationship now existing between Bryn Mawr College, Haverford College, Swarthmore College, and the University of Pennsylvania, full-time students of one of these four institutions may, upon presentation of the proper credentials, enroll for courses in another institution of the group. This institutional courtesy does not involve the payment of additional fees except in the case of laboratory courses, in which case the visiting student will be charged the same laboratory fees or deposits as students in the institution to which he goes.

Students desiring to take advantage of this arrangement should secure the permission of the Student Petitions Committee, of which the Dean is chairman, and also the permission of the chairman of that Haverford department under which the course involved would most naturally fall. It is also desirable that the instructor giving the course be consulted in advance. Graduate students will obtain the permission of the Committee on Graduate Students instead of the Student Petitions Committee. Ordinarily the holder of a graduate fellowship will not be permitted to take more than one course in another institution for credit on his Haverford record.

The Presidents of Bryn Mawr, Swarthmore, and Haverford consult at regular intervals to further cooperative arrangements between their respective institutions.

DEGREES

BACHELOR OF ARTS AND BACHELOR OF SCIENCE

Students who have received credit for the full number of courses in prescribed and elective studies, provided they have for the Junior and Senior years respectively a general average, for the year, of 70 or above, and provided they have passed their Major examinations with a grade of 70 or above, are granted the degree of Bachelor of Arts or Bachelor of Science. For the difference in the requirements for the two degrees, see page 24. The fee for the Bachelor's degree is \$15.

MASTER OF ARTS AND MASTER OF SCIENCE

Admission to Candidacy.—Graduates of Haverford College or an institution of equivalent standing, who present satisfactory evidence of character, seriousness of purpose, and scholarly attainments, may be admitted as candidates for the degree of Master of Arts or Master of Science. A candidate should have a reading knowledge of one foreign language, ancient or modern.

Requirements.—A candidate who is well prepared for advanced study in his special field is required to pass four advanced courses (each with a grade of not less than 80) and to do satisfactory additional intensive work, equivalent at least to a full course, which may take the form of a thesis or other research. (In a full year course in which credit is not granted for the work of a single semester, the course grade is the average of the two semester grades; in other cases each semester's work is a separate course, for the purposes of this requirement.) At least two of the courses and the additional intensive work must be in the same field and the remaining courses in allied subjects. In addition, the candidate may, at the discretion of the professor in charge, be required to pass a comprehensive examination upon the field of his major subject. The scope of the examination will be determined by the professor in charge, and will be communicated to the candidate when he is admitted as a graduate student. The entire plan of study must be drawn up by the candidate in consultation with the professor under whom he proposes to do the major part of his work. This plan must be submitted for approval before October 1 to the Chairman of the Committee on Graduate Students. After approval by this Committee, the program must be filed with the Registrar. Before award of the Master's degree the candidate must deposit two copies of his thesis in the College library.

A minimum of one year's residence is required, and a candidate, if well prepared, should be able to complete his work for the degree in this time. If his preparation is inadequate a longer period of residence may be necessary, but candidates for the Master's degree must complete the required work in not more than two academic years. Courses taken before the registration of the candidate as a graduate student at Haverford College will not usually be counted toward the degree.

Candidates who engage in any occupation or employment other than graduate study will not in general be able to satisfy the requirements for the degree in one year.

Charges.—The charges for a Graduate Student are: tuition, \$450; board, \$300; lodging, \$175. The fee for the Master's degree is \$20. Laboratory fees, supplies, breakage, and incidentals are extra.

Fellowships.—Six graduate fellowships of \$800 each are available each year primarily for members of the Society of Friends and for the graduates of other Friends' Colleges in the United States, who wish to study for the Master's Degree in any depart-

ment of Haverford College which may be selected, provided the proposed schedule of study is approved by the Committee on Graduate Students. Any recipient of a graduate fellowship should have additional resources of at least \$300. The board and lodging must be at Haverford College unless by arrangement with the Dean they are taken at the neighboring Quaker community of Pendle Hill.

Applications should be accompanied by a certified list of the applicant's courses and grades as an undergraduate, three letters concerning the character, personality, financial condition and qualifications of the applicant, a copy of the catalog of the institution in which the applicant was an undergraduate, and a small photograph. Applications and material should be in the hands of the Dean of Haverford College before March 1st to secure consideration for the following year.

Courses offered.—The following courses are open to graduate students: Astronomy 3*a*, 3*b*, 4; Biblical Literature, 4*b*, 5*a*, 6*b*, 8*b*, 9*a*, 10*b*; Biology 3, 4, 5, 7, 10; Chemistry 11*a*, 12*b*, 13*a*, 14*b*, 15*a*, 16*b*, 17*a*, 18*b*, 21*a*, 22*b*; Economics 3*a*, 4*b*, 5*a*, 6*b*, 7*a*, 10*b*, 11*a*, 13*a*, 14*b*, 15; Engineering 11*a*, 12*b*, 13*a*, 14*b*, 15*a*, 18*b*, 21*a*, 21*b*, 23*a*, 24*b*; English 21*a*, 22*b*, 23*a*, 24*b*, 25*a*, 26*b*, 28*b*, 30*b*, 41*a*, 42*b*, 43*a*; French 5, 16*b*, 17*a*, 18*b*, 19*a*; Geology 1; German 4, 9*a*, 11, 12*b*, 13, 14*b*, 15*a*, 16*b*; Government 5*a*, 6*b*, 7*a*, 9*a*, 10*b*, 11*a*, 13*a*, 14*b*, 16*b*, 17*a*, 18*b*, 19, 22*b*, 31; Greek 3*a*, 4*b*, 7*a*, 8*b*, 9*a*, 10*b*, 11*a*, 12*b*, 24*b*; History 2, 3, 4, 5; Italian 2; Latin, 11, 13*a*, 14*b*, 15*a*, 16*b*, 17; Mathematics 7*a*, 8*b*, 9*a*, 10*b*, 11*a*, 13*a*, 14*b*, 16*b* (Mathematics 3 open to students majoring in other departments); Music 3*a*; Philosophy 2*b*, 5, 7*a*, 9*a*, 10*b*, 11*a*, 12*b*, 15*a*, 21; Physics 3, 7*b*, 9*a*, 10*b*, 11*a*, 13; Sociology 2*b*, 5*a*, 6*b*, 7*a*, 8*b*; Spanish 3, 4, 5*a*, 6*b*, 7. Additional work may be required of graduate students in any of these courses. Certain other courses may be taken by graduate students as subsidiary to the major field of work, with the consent of the Committee on Graduate Students and the instructor in charge.

HONORS

Honors are awarded for excellence in the studies of single departments. They are never given merely for performance of routine work in courses, but a considerable amount of extra work is demanded in every case.

Honors are of three kinds: *Honorable Mention*, *Sophomore Honors*, and *Final Honors*.

Honorable Mention† will be awarded at the end of the Freshman or Sophomore years for work in a single course meeting at least two hours per week throughout the year, plus additional work to the total amount of not less than 75 hours. Candidates for Honorable Mention must obtain a minimum grade of 85 in the regular work of the course and pass creditably an examination on the additional work required. Two half-courses in the same department may be construed as a single course.

A Freshman who has received the prescribed grade in the regular work of a course required for Honorable Mention, but who has not done the additional work required in connection with such course, may, with the consent of the professor in charge, do so during the Sophomore year.

Sophomore Honors will be awarded at the end of the Sophomore year for work in not less than two full courses in a single department, plus additional work to the total amount of not less than 150 hours. Candidates for Sophomore Honors must obtain a grade of at least B in all courses required for such honors and a grade of A in such of these courses as are taken in the Sophomore year, and must pass creditably examinations on the additional work required.

Final Honors are graded as Honors, High Honors, or Highest Honors. They will be awarded upon graduation only to students whose work in a major field of concentration has been done with marked distinction and has been more profound or more extensive in its scope than the minimum required. The award of Honors is at the discretion of the major department, but the award of High or Highest Honors is to be made by vote of the Faculty upon recommendation of a department or group of related departments. In order to receive High or Highest Honors, the student will usually be given a public oral examination, and for Highest Honors, the verdict of an outside examiner may be obtained if deemed desirable. The various departments and divisions will adopt such specifications for Final Honors as they see fit.

At the time of the award of Honors there shall be added to the general average for the year of each student receiving Honors, one-half of one per cent for each award of Honorable Mention or Sophomore Honors. Honors, High Honors, and Highest Honors

† Honorable mention is awarded in Freshman English in connection with the work of the second half-year (English 2b).

shall automatically add one, two, and three per cent respectively to the average for the Senior year of each student receiving such award.

PRIZES

All material submitted in competition for prizes should be deposited with the Registrar under assumed names, with a sealed envelope containing the writer's real name, *before May 1*.

All prizes awarded in books are marked with appropriate bookplates. As soon as possible after the award a list of standard books, from which selection is to be made, should be submitted for approval to the head of the department awarding the prize. Books selected from the approved list may then be ordered through the College Office or elsewhere. The College grants an average discount of ten per cent on prize books, and supplies the bookplates.

ALUMNI PRIZE FOR COMPOSITION AND ORATORY

The Alumni Association, in the year 1875, established an annual prize of \$50 in money for excellence in composition and oratory. This prize is now divided between the two members of the winning team in the Senior-Junior debate.

THE EVERETT SOCIETY MEDALS

To the members of the winning team in the annual Sophomore-Freshman extemporaneous debate, medals are given in memory of the Everett Society.

JOHN B. GARRETT PRIZES FOR SYSTEMATIC READING IN LITERATURE

A first prize of \$50 and a second prize of \$25 will be given at the end of the Junior or Senior year to the two students who, besides creditably pursuing their regular course of study, shall have carried on the most profitable program of reading in a period or comprehensive topic in the field of literature (ancient, American or foreign) during at least two years of their college career.

The administration of these prizes is in the hands of the Committee on Prizes, with which the candidate shall register and which shall approve the subject chosen. The Committee will then recommend the candidate to the Department(s) to which he should apply for counsel and guidance. An oral examination will

be arranged in the final year to determine the scope and quality of the reading.

The winners will be determined by the Committee after consultation with the Departments concerned. Either or both of these prizes may be omitted if, in the judgment of the Committee, the work does not justify an award.

THE CLASS OF 1896 PRIZES IN LATIN AND MATHEMATICS

These are two prizes worth \$10 each. They will be awarded in books at the end of the Sophomore year to the students who have done the best work for the two years in Latin and Mathematics, respectively.

THE LYMAN BEECHER HALL PRIZE IN CHEMISTRY

The Class of 1898 on the twenty-fifth anniversary of their graduation established a prize in honor of Lyman Beecher Hall, Professor of Chemistry at Haverford College from 1880 to 1917.

This prize amounts to \$100 and may be awarded to a student who has attained a high degree of proficiency in chemistry and who shows promise of contributing substantially to the advancement of the science. This prize may be awarded to a Junior, to a Senior, or to a graduate of Haverford College within three years after graduation. It may be awarded more than once to the same student, or may be withheld.

THE CLASS OF 1902 PRIZE IN LATIN

The Class of 1902 offers a prize of \$10 in books to the Freshman whose work in Latin, in recitation and examinations combined, shall be the most satisfactory to the professor in charge of the department.

THE DEPARTMENT PRIZES IN MATHEMATICS

A first prize of \$15 and a second prize of \$10 are awarded on the basis of a three hour examination on selected topics in Freshman Mathematics. The examination is held on the first Monday after the Spring Recess, and is open to Freshmen only.

THE ELLISTON P. MORRIS PRIZE

A prize of \$40, open to all undergraduates and to graduates of

not more than three years' standing, is offered every year for the best essay bearing on the general problem of "International Peace and the Means of Securing It." No prize will be awarded unless a high standard of merit is attained. Essays should be deposited with the Registrar before May 1. The judges shall be appointed by the President of the College. For the 1941-42 competition the following subjects are offered:

1. A Critical Examination of Recent Proposals for a Federation of Nations.
2. An International Program for the Practical Pacifist.
3. Modification of Existing Concepts of Nationalism that may be necessary for the Achievement of World Peace.
4. America's Part in Post-War Organization.

The presentation should be not merely a catalog of events but also an interpretation and estimate of them. Each essay should contain references, in the form of footnotes and bibliography, to the authorities consulted.

Essays submitted by undergraduates for this prize may also be submitted for the Elizabeth P. Smith Prize, but the two prizes will not be awarded to one person.

THE ELIZABETH P. SMITH PRIZE

A prize of \$40 is offered annually to the undergraduate who presents the best essay on international peace under the same conditions and terms as the Elliston P. Morris Prize. Essays for this prize should be deposited with the Registrar before May 1. The judges shall be appointed by the President of the College.

PRIZES IN PHILOSOPHY AND BIBLICAL LITERATURE

A prize of \$40 in books is offered each year to the student who, in the judgment of the professor in charge, does the most satisfactory amount of outside reading in philosophy in connection with the courses in that department. A second prize of \$25 in books is also offered.

A prize of \$40 in books is offered each year to the student who, in the judgment of the professor in charge, does the most satisfactory amount of reading on the Bible and related subjects. A second prize of \$25 in books is also offered.

These prizes may be competed for during any year of the College course.

THE SCHOLARSHIP IMPROVEMENT PRIZES

A first prize of \$50 and a second prize of \$45 will be given at the end of the Senior year to the two students who, in the opinion of the judges appointed by the President of the College, show the most steady and marked improvement in scholarship during their college course.

THE CLASS OF 1910 POETRY PRIZES

Two prizes of \$15 and \$10 respectively are awarded for the best verse written by a Haverford undergraduate during the year. Typewritten manuscript, under an assumed name, should be deposited with the Registrar not later than May 1. The judges shall be appointed by the President of the College.

THE LOGAN PEARSALL SMITH PRIZE

An annual award of \$50 in books will be made to that member of the Senior Class who, in the opinion of the Committee on Prizes, has the best personal library. Consideration of the books collected will be entirely independent of their cost.

Candidates must register with the Committee on Prizes before March 1. The contest closes May 1. By that date every candidate shall have deposited with the Registrar a list of books and a brief essay explaining the purpose of his collection.

THE FOUNDERS CLUB PRIZE

A prize of \$25 is offered by the Founders Club to the Freshman who is judged to have shown the best attitude toward college activities and scholastic work.

THE S. P. LIPPINCOTT PRIZE IN HISTORY

A prize of \$100 is offered for competition in the Department of History under the following general provisions:

First—The prize may be withheld in any year, if the conditions listed below are not met by any of the competitors to the satisfaction of a majority of the judges.

Second—The prize shall not be awarded twice to the same student.

Third—Competition is open to Sophomores, Juniors, and Seniors who have taken or are taking work in the Department of History.

Conditions

In competition for this prize an essay shall be submitted of not less than 5,000 words, offered as evidence of scholarly ability in the collection and presentation of historical material, treating a subject selected from a list announced by the Department of History before November 15. The essay should contain references in footnotes to the authorities consulted and a bibliography of works cited.

The essay shall be typewritten and deposited under an assumed name with the Registrar before May 1.

For the competition of 1941-42 the following subjects are submitted:

1. The Relations between England and Spain from 1558 to 1587.
2. The Public Career of Lord John Russell from 1846 to 1866.
3. The Origins of Jacksonian Democracy.
4. The Course of American Imperialism, 1865-1917.

THE NEWTON PRIZE IN ENGLISH LITERATURE

The Newton Prize in English Literature (\$50) may be awarded annually on the basis of Final Honors in English, provided that the Department judges that the work of the leading candidate merits such award.

THE WILLIAM ELLIS SCULL PRIZE

The William Ellis Scull Prize (\$50) will be awarded annually to the upper classman who shall have shown the "greatest achievement in voice and the articulation of the English language."

THE GEORGE PEIRCE PRIZE IN CHEMISTRY OR MATHEMATICS

In memory of Dr. George Peirce, 1903, a prize of \$50 is offered annually to a student of Chemistry or Mathematics "who has shown marked proficiency in either or both of these studies and who intends to follow a profession which calls for such preparation. Preference is to be given to a student who has elected organic chemistry, and failing such a student, to one who has elected Mathematics or some branch of Chemistry other than organic. Should there be two students of equal promise, the one who is proficient in Greek shall be given preference." The prize is offered,

however, exclusively for students who expect to engage in research, and it will not be awarded unless the candidate has this expressed intention.

GRADING OF STUDENTS

In determining the standing of the student, daily recitations, hour examinations, and final examinations are all considered. Reports, with numerical grades and averages, are issued semi-annually.

Grouped according to averages for the semester, the sections in each class are as follows:

Section	Freshmen	All others
A	90 to 100	90 to 100
B	80 to 90	80 to 90
C	65 to 80	70 to 80
D	50 to 65	60 to 70
	Failures	Failures
E	35 to 50	50 to 60
F	Below 35	Below 50

+ or - following the average for the semester indicates that it is above or below the student's average for the preceding semester.

Freshmen are expected to obtain a general average for the year of at least 60 for promotion to the Sophomore class; Sophomores are required to obtain a general average for the year of at least 65 for promotion to the Junior class; Juniors, 70 for promotion to the Senior class; and Seniors, 70 for graduation.

DELINQUENT STUDENTS

A student who obtains grade E (35 to 50 for Freshmen, 50 to 60 for upper-classmen) as his half-year mark in any course is allowed a re-examination in September following the failure (on the Monday, Tuesday or Wednesday immediately preceding the opening of College). To Seniors who obtain the Grade E (except in the Major examination, see page 26) re-examinations will be given in June during Commencement week. Re-examinations (at a fee of \$5 per half-year course) are scheduled only upon written request received by the Registrar before September 10, upon which date copies of the re-examination schedule will be mailed to all applicants, and after which date additional subjects will be scheduled only upon payment of an additional fee of \$10. Late applicants (after September 10) for examinations already scheduled must make an additional payment of \$5 per subject before their acceptance as candidates for re-examination. All fees for re-examinations must be paid in advance. A student who obtains grade F

(below 35 for Freshmen, below 50 for others) as his half-year mark in any course is not permitted to take a re-examination in that course.

A student with F as his half-year grade, or with E as his half-year grade in any course after the re-examination privilege has lapsed, must repeat the course if it is a required course (repeated courses take precedence in the case of conflict, and are recorded and averaged in the year of repetition), or may substitute some other course if the failure is an elective course. No course may be repeated more than once; failure to pass a repeated required course will consequently prevent a student from obtaining his degree.

A fee of \$15 per half-year is charged for all repeated or substituted courses.

No student, after his freshman year, shall be permitted to drop a course after the second week of a semester, except upon the recommendation of the Dean and with the approval of the Faculty. A course, once reported to the College office, shall not be removed from the student's record. In the case of failure this shall apply, even though the credit deficiency has been made up by taking an extra course in a subsequent semester, or applying a credit previously obtained. If a student fails a course and wishes to make up the credit deficiency by taking an extra course in the subsequent semester, the Committee on Student Petitions shall grant him this permission only if he first forfeits all right to re-examination in his failed course.

A Sophomore who fails to attain promotion average (see page 38), and who has not more than two failures, may have the privilege of taking re-examinations in the two half-courses in which he has received the lowest grades, provided that these grades be better than F. A Senior or Junior who fails to attain promotion average (see page 38), and who has not more than one failure, may take a re-examination in the half-course in which he has received the lowest grade, provided that this grade be better than F.

Any student whose record is such as to justify the belief that he is not availing himself of the opportunities offered by Haverford College may be dropped. Usually a student who has more than two half-courses of failures against him at the opening of College in September will be dropped. In such cases no refund will be made (see pg. 41).

FINANCIAL ARRANGEMENTS

ROOMS

Entering Freshmen are assigned rooms in the order in which their application blanks for admission (see page 18) are received. It is, of course, not always possible to meet the desire of Freshmen for the cheapest rooms. Twelve of the \$100 rooms are regularly reserved for Freshmen. The College assumes that a new student will accept any available room of approximately the same price as the room for which a preference is expressed. The choice of rooms by other students is governed by published rules.

A deposit of \$15 is required of all students, old and new, before a room is reserved. In case the student occupies the room, the amount will be deducted from his bill for the following year; otherwise it will be forfeited, unless the student be *excluded by the College* for failures or other sufficient reason, in which case the fee will be refunded upon request.

Students are expected to treat their own and College property with the same consideration as in their own homes. A student is held financially responsible for any damage to his room, and any damage wilfully done will be sufficient reason for requesting withdrawal from the College.

The College does not hold itself responsible for the safe-keeping of private property left by the students in their rooms, or elsewhere on the campus.

EXPENSES

The combined charge for tuition (\$450), board (\$300), and room rent (\$100 to \$225, according to location), varies from \$850 to \$975 a year. These charges, which may be altered by the Board of Managers if circumstances render such action necessary, include heat, electric light, attendance, and the use of necessary bedroom furniture, *i.e.*, a chiffonier and a bed, the linen for which is furnished and laundered by the College. Students will supply their own study furniture, blankets and towels. In general two students share one study and each has his private bedroom adjoining. A few single rooms are also available. The number of students accommodated in the several halls and the combined charges are as follows:

Merion Hall.....	16 at \$850 each
Merion Hall.....	11 at \$875 each
Merion Hall.....	14 at \$900 each
Founders Hall.....	14 at \$850 each
Founders Hall.....	8 at \$875 each
Founders Hall.....	3 at \$885 each
Founders Hall.....	6 at \$900 each
Barclay Hall.....	27 at \$850 each
Barclay Hall.....	5 at \$875 each
Barclay Hall.....	5 at \$900 each
Barclay Hall.....	1 at \$925 each
Barclay Hall.....	69 at \$940 each
Language House.....	4 at \$850 each
Language House.....	1 at \$875 each
Language House.....	9 at \$900 each
Language House.....	2 at \$925 each
Lloyd Hall.....	66 at \$940 each
Lloyd Hall.....	32 at \$975 each

The charge for tuition of day-students is \$450 a year; for tuition and mid-day meal, \$550 a year. A laboratory fee (as specified elsewhere in this catalog) and the cost of materials consumed and of apparatus broken are charged in each of the laboratories. The fee for dropping a course after two weeks is \$15. The fee for the Bachelor's degree is \$15. For Graduate Student fees, see page 30.

The Board of Managers requires that first half-year bills (rendered October 1) for three-fifths of the student's total cash indebtedness for the current year for room, board, and tuition must be paid *in full before* November 1. Second half-year bills (rendered February 1) must be paid *in full before* March 1. Failure to pay within the specified period automatically cancels the student's registration.

No reduction or refund of the tuition charge will be made on account of absence, illness or dismissal during the year. If the student shall withdraw or be absent from college for any reason, there will be no reduction or refund because of failure to occupy the room assigned for that semester. In case of illness or absence for any other reasons from the college for six weeks or more, there will be a proportionate reduction for board provided that notice is given to the Comptroller at the time of withdrawal. Fees cannot be refunded for any reason whatsoever.

As an associate to The Tuition Plan we are prepared to extend

to parents or guardians the opportunity of paying tuition and other college fees in equal monthly installments during the college year. The additional cost is small. Adoption of this plan is optional and intended solely as a convenience. Details will be furnished on request.

Additional expenses include text books which need not exceed \$25-\$40 a year and a \$10 activities fee which supports the college's extracurricular program. A charge of 50 cents per month per room will be assessed for the use of radios.

SCHOLARSHIPS

Scholarships are of two kinds, competitive, and those awarded upon merit and individual need. All scholarships are given for one year only.

No scholarship will be given to a student who has a condition.

No scholarship will be given to a student whose college bill has not been paid in full.

All preliminary correspondence and applications for undergraduate scholarships for 1942-1943, together with supporting letters from parents or guardians should be in the hands of the Dean before Tuesday, April the 7th, 1942.

It is assumed that requests for scholarships will not be made by those whose expenses can be met by their parents or from other sources.

I. *Corporation Scholarships*.—Sixteen scholarships of the annual value of \$300 each, are awarded, without formal application, to the four students in each class who have the highest average grades. Ranking is determined in the case of upper classmen by their general average for the year. In the case of the incoming Freshman Class the scholarships will be assigned immediately after the June examinations (see page 21) to those candidates entering by any plan of admission who are judged to be best prepared to do the work of the College.

II. *Isaiah V. Williamson Scholarships*.—Three scholarships normally of \$250 each, usually awarded to members of the Senior and Junior classes.

III. *Richard T. Jones Scholarship*.—One scholarship normally of the annual value of \$200.

IV. *Edward Yarnall Scholarship*.—One scholarship normally of the annual value of \$200.

V. *Thomas P. Cope Scholarship*.—One scholarship normally of the annual value of \$200.

VI. *Sarah Marshall Scholarship*.—One scholarship normally of the annual value of \$200.

VII. *Mary M. Johnson Scholarship*.—One scholarship normally of the annual value of \$200.

VIII. *Joseph E. Gillingham Scholarships*.—Four scholarships normally of the annual value of \$200 each "for meritorious students."

IX. *Isaac Thorne Johnson Scholarship*.—One scholarship normally of the annual value of \$225 available for a student of Wilmington College or a member of Wilmington (Ohio) Yearly Meeting of Friends.

X. *Jacob P. Jones Scholarships*, normally amount to \$1500 annually. Usually these will be awarded in sums of \$150 each, and in return for them certain academic duties may be required of the beneficiaries.

XI. *Jacob P. Jones Scholarships*.—Eight scholarships normally of the annual value of \$100 each.

XII. *Caspar Wistar Memorial Scholarship*.—A scholarship of \$250 is usually available, preferably for sons of parents engaged in Christian service, including secretaries of Young Men's Christian Associations, or students desiring to prepare for similar service in America or other countries.

XIII. *Louis Jaquette Palmer Memorial Scholarship*.—This Scholarship of \$200 is awarded on application, preferably to a member of the Freshman Class, who in the opinion of a committee representing the donors and the President of the College shall give evidence of possessing the qualities of leadership and constructive interest in student and community welfare which his friends observed in Louis Jaquette Palmer of the Class of 1894.

XIV. *J. Kennedy Moorhouse Memorial Scholarship*, \$300.—Intended for the member of the Freshman Class who shall appear best fitted to uphold at Haverford the standard of character and conduct typified by the late J. Kennedy Moorhouse, of the Class of 1900—"a man modest, loyal, courageous, reverent without sanctimony; a lover of hard play and honest work, a leader in clean and joyous living."

XV. *Paul W. Newhall Memorial Scholarship*.—One scholarship normally of the annual value of \$200.

XVI. *Robert Martin Zuckert Memorial Scholarships*.—Two or more scholarships of the annual value of \$250, preference to be given to "a native of New York or Connecticut and who now resides in one of those states."

XVII. *Samuel E. Hilles Memorial Scholarship*.—One scholarship normally of the annual value of \$200.

XVIII. *Class of 1913 Scholarship*.—One scholarship of the annual value of about \$125. Preference is to be given to sons of members of the Class of 1913 who may apply and who meet the usual requirements of the College.

XIX. *Isaac Sharpless Scholarship Fund*.—Founded in 1941. Scholarships open to graduates of secondary schools and undergraduates of Haverford College. Awards based upon fulfillment by applicant of requirements used in selection of Rhodes Scholars to the University of Oxford. Awards granted from list submitted to Selection Committee by the Director of Admissions, subject always to final approval by the President of the College; amount variable.

The scholarships named on this and the preceding pages are permanent foundations. In addition, the New York Alumni maintain a scholarship for competition in the New York metropolitan district. The New England Alumni maintain one Freshman scholarship of \$300 to be awarded annually to a New England boy from a New England school.

FELLOWSHIPS

The Clementine Cope Fellowship, of the annual value of \$700, may be awarded by the Faculty to the best qualified applicant from the Senior Class. He is required to spend the succeeding year in study at some American or foreign university approved by the Faculty. Applications for the Clementine Cope Fellowship should be in the hands of the President of the College before March 1.

Teaching Fellowships.—With the remaining funds from the Clementine Cope Foundation there may be appointed one or more graduates of Haverford College as Teaching Fellows, with or without specific duties at Haverford College; or a second Cope Fellow may be appointed with a stipend of \$400 or \$500, as the income of the Fund may permit.

Graduate Fellowships.—For information regarding graduate fellowships, see page 30.

LOAN FUND

A loan fund has been established for deserving students, other than members of the Freshman Class and transfer students during their first year, who may require financial assistance during their college course. Further information concerning this fund may be obtained from the President of the College.

EMPLOYMENT BUREAU

In connection with the Dean's office there is an Employment Bureau through which students may be put in touch with such remunerative employment as may be available.



GENERAL INFORMATION

LIBRARY

The College Library contains about one hundred and fifty thousand volumes, for the most part freely accessible to readers. Though designed especially for the use of the officers and students, it affords to others the privilege of consulting and, under certain restrictions, of withdrawing books.

About six thousand dollars is expended yearly for the purchase of books and periodicals. Over four hundred literary and scientific periodicals are taken. The library is also a government depository.

The Library is open, with some exceptions, on week days from 8:30 A.M. to 10 P.M., and on Sundays from 1:30 to 10 P.M.

SPECIAL COLLECTIONS

Rare books and special collections are housed in the Treasure Room, where both permanent and temporary exhibitions are held. The Treasure Room is open from 9 to 5.

The Quaker collection, containing both books and manuscripts, is probably the most complete in America. The William H. Jenks collection of Friends' tracts, mostly of the seventeenth century, numbers about fifteen hundred separately bound titles.

The Charles Roberts autograph collection, formed by the late Charles Roberts of Philadelphia, a graduate (1864) and for many years a manager of the College, was in 1902 presented to the College by his wife, Lucy B. Roberts. It consists of more than 20,000 items, embracing not only autograph letters of European and American authors, statesmen, scientists, ecclesiastics, monarchs, and others, but also several series of valuable papers on religious and political history.

The Harris collection of ancient and oriental manuscripts contains over sixty Hebrew, Greek, Latin, Arabic, Syriac, and Ethiopic rolls and codices, collected by J. Rendel Harris.

COOPERATION WITH OTHER LIBRARIES

The *Philadelphia Bibliographical Center and Union Library Catalog*, which includes in one alphabetical file a record of all books in over one hundred and fifty libraries of the Philadelphia

region, enables users of the Haverford Library to locate many additional books in every field of study and research. Haverford is also a member of the *Philadelphia Metropolitan Library Council*. Community of interest brings the Haverford Library into even closer cooperation with Bryn Mawr and Swarthmore; and because of their proximity the combined resources of Bryn Mawr and Haverford are readily available to the students and faculties of both institutions.

LECTURESHIPS

HAVERFORD LIBRARY LECTURES

The income from \$10,000 received in 1894 from the estate of Mary Farnum Brown, is available by the terms of the gift "to provide for an annual course or series of lectures before the Senior Class of the College, and other students, on the Bible, its history and literature, and as way may open for it, upon its doctrine and its teaching."

THOMAS SHIPLEY LECTURES ON ENGLISH LITERATURE

The sum of \$5,000, presented in 1904 by Samuel R. Shipley, in memory of his father, Thomas Shipley, constitutes the Thomas Shipley Fund. The income of this fund is ordinarily to be used "for lectures on English literature."

MORRIS INFIRMARY

The Morris Infirmary, presented by John T. Morris, '67, has been in operation since the fall of 1912. It contains ten beds, a surgical room, an isolation ward for contagious diseases, and accommodations for a physician and a nurse. Every provision has been made for medical and surgical treatment of all cases among students during the college year. The danger of infection through illness in the college dormitories is thus minimized.

No charge is made for dispensary treatments, for the services of the college physician and the nurse, or for residence in the infirmary not exceeding one week in each case of illness. Any additional medical or surgical service, including special examinations which cannot be made in the infirmary, will be at the expense of the student. For residence in the infirmary beyond the limit of one week the charge is \$3 a day.

Dr. Herbert W. Taylor is the physician in charge, Miss Mabel S. Beard, the resident nurse.

SOCIETIES AND CLUBS

Phi Beta Kappa Society, Zeta Chapter of Pennsylvania, chartered 1898.

Biology Club	Founders Club
Campus Club	Glee Club
Cap and Bells Club	International Relations Club
Chemistry Club	Mathematics-Physics Club
Chess Club	Nautical Society
Classical Symposium	Radio Club
Debate Council	Varsity Club
Engineering Club	Y. M. C. A.

PUBLICATIONS

Official college publications include the Catalog, published in November, the Treasurer's Report, and the College Directory. The annual reports of the President and the Librarian may be obtained on application to their respective offices.

The Haverford Review, published three times annually, is the official graduate magazine.

The Haverford News, a student publication, appears weekly during the College year. *The Stack* and *The Campus Haverfordian*, student literary magazines, appear periodically. *The Record*, Senior Year Book, is distributed immediately before Commencement.



COURSES OF INSTRUCTION

ART

The instruction in Art has a twofold objective. On the one hand, the students' appreciation is furthered by close aesthetic analysis of works of art. On the other hand, the history of art is treated as a branch of the humanistic studies and attention is given to the development of Art in itself as well as to its contacts with other human interests.

The lectures are amply illustrated by lantern slides and occasionally supplemented through visits to museums and private collections. The Carnegie set of reproductions is used as additional illustrative material.

1. Art and Culture of the Renaissance.—M. W. F. 11:30. MR. BERNHEIMER.

The field covered by this course is wider than its short title seems to indicate; for besides the development of Art in Italy from the 14th to the 16th century, that of the North in the same period will be studied. Emphasis will be laid upon the social and philosophical changes which accompany the changes in artistic style. The course will end with a short discussion of the Baroque.

[Offered in 1941-42; not to be offered in 1942-43.]

2. Art since the Sixteenth Century.—M. W. F. 11:30. MR. BERNHEIMER.

This course gives a survey of European Art from the end of the Renaissance to the present day. Beginning with the great masters of the 16th century, who dominated the development of the following periods, it endeavors to do justice to such painters as Rembrandt, Rubens, Velasquez, without losing sight of the architectural developments of the Baroque. The second part of the course is devoted to an analysis of recent and contemporary art.

[Not offered in 1941-42; to be offered in 1942-43.]

ASTRONOMY

The William J. Strawbridge Memorial Observatory, newly built and equipped, affords students the means of becoming familiar with a variety of astronomical instruments, and of acquiring from actual observation a practical acquaintance with astronomy.

The equipment consists of two equatorially mounted telescopes with 10-inch and 4½-inch objectives respectively; a reflecting telescope with 8-inch mirror and altazimuth mounting; a meridian circle telescope of 3¾-inch aperture; a zenith telescope of 2¼-inch aperture; a spectrohelioscope; an astrographic mounting provided with two four-inch Ross lenses and a 4-inch guiding telescope; two clocks; a chronograph by Bond; charts, globes, and other instruments. The astronomical library is housed in the Observatory.

Major Requirements

Astronomy 3, 7a, and 8b.

Mathematics 1, 2, and 3, and Physics 2.

A comprehensive examination, partly oral, based on the subject matter of the above-named courses.

1a. Descriptive Astronomy.—M. W. F. 10:30, first half-year. MR. GREEN.

A culture class open to all students.

The leading facts of astronomy, with elementary explanation of the methods and instruments by which they are ascertained. A portion of the time is devoted to the study of the constellations, the handling of the telescopes, and simple problems. No fee.

2b. Celestial Navigation.—M. W. F. 10:30, second half-year. MR. GREEN and MR. MACINTOSH.

The determination of position and course at sea and in the air by trigonometric, graphical, and tabular methods. Mathematical aspects of piloting, such as the problems of interception and of return to a moving base, will be emphasized. Sextant observations will be taken and reduced. Prerequisite: *Plane Trigonometry*. A fee of \$2.50 per semester is charged.

3. Descriptive and Practical Astronomy.—Two class hours and one evening to be arranged. MR. GUMMERE.

This course covers the same ground as Astronomy 1a, together with practical work in the Observatory.

Use of sextant, transit, and equatorial; determination of instrumental constants, latitude, and time. The course is opened with a brief review of the essentials of spherical trigonometry. Prerequisite, *Plane Trigonometry* and *Solid Geometry*. A fee of \$4.00 per semester is charged.

5a, 6b. Observational Astronomy.—Hours, to be arranged, either half-year. MR. GREEN.

The subject matter will be chosen to meet the needs of the students. Prerequisite, *Astronomy 3*. A fee of \$7.50 per semester is charged.

7a, 8b. Celestial Mechanics and Orbit Determination.—Hours, to be arranged, throughout the year. MR. GUMMERE.

An introduction to mathematical astronomy. Prerequisite, *Astronomy 3a*, *Mathematics 3*, or in conjunction with *Mathematics 3*. No fee.

[Offered in 1941-42; not to be offered in 1942-43.]

9a, 10b. Astrophysics.—Hours, to be arranged, either half-year. MR. GREEN.

A study of the state of matter in interstellar space, in the atmospheres of the stars and in their interiors. Prerequisites: *Physics 2* and *Mathematics 2*. No fee.

BIBLICAL LITERATURE

The courses in this department are designed to cover broadly the history, literature and religion of the Bible with their backgrounds in the culture in which they developed and to which they contributed. Additional courses are offered in the ancient history of the Near East, the Hebrew language, and comparative religion. Sufficient scope is thus provided to meet the varied interests of students electing courses in the department and to offer either introductory or advanced work.

A gift has enabled Professor Grant to make a series of five field

excavations at a site in Palestine, the archaeological yields of which are exhibited in the Beth Shemesh Museum, third floor of Sharpless Hall. These materials reveal the life of a typical Near East community in the many aspects of its development and interplay with other peoples over a span of 2000 years. Thus the collections provide a laboratory for study of the cultural cross-currents which met in Palestine during one of the great formative periods of civilization.

Major Requirements

Six half-year courses in Biblical Literature.

Six other half-year courses in either Biblical Literature or related departments.

Special study of one selected Biblical field, e.g., history, literature, the Old or New Testament.

A comprehensive examination covering the history, literature, and criticism of the Bible; and the religious and moral life of the Hebrews, Jews, and Christians.

1a. Introduction to the Old and New Testaments.—M. W. F. 10:30, first half-year. MR. FLIGHT.

The literature of the Bible with its historical background.

2b. The Rise of Christianity.—M. W. F. 10:30, second half-year. MR. FLIGHT.

A study of the background, early development and spread of the Christian movement as reflected in the New Testament, particularly in the book of Acts and the letters of Paul, and to the third century.

4b. Development of Christian Thought within the Bible.—M. W. F. 10:30, second half-year. MR. FLIGHT.

A study of the origins and development of the basic ideas in the teaching of religious leaders from the prophets to Paul.

5a. Ancient History of the Near East.—M. W. F. 1:30, first half-year. MR. FLIGHT.

The Beginnings of Western Civilization in the Cultures of the Near East; Archaeological and Historical.

6b. Comparative Religion.—M. W. F. 1:30, second half-year. MR. FLIGHT.

A comparative study of the great living religions, their founders, their scriptures, their characteristic ideas and ideals.

[Offered in 1941-42; not to be offered in 1942-43.]

8b. The English Bible.—M. W. F. 1:30, second half-year. MR. FLIGHT.

History and literary art of the English Bible, particularly the King James version and its influence on general literature.

[Not offered in 1941-42; to be offered in 1942-43.]

9a or 10b. Biblical and Oriental Conference.—Hours to be arranged, either half-year. MR. FLIGHT.

Individual work to be elected by the student from one or more of the following divisions of the field: literature, archaeology, history, philosophy. Prerequisite, other work in the department, in which a grade of B has been attained.

11. Hebrew.—Hours to be arranged. MR. FLIGHT.

Grammar, composition, and reading of simple Old Testament prose.

[Not offered in 1941-42; to be offered in 1942-43.]

BIOLOGY

The Department of Biology offers courses for students who wish to enter medical school, for students who wish to continue biological studies after graduation in graduate school, teaching, or conservation, and for students who wish a general knowledge of plants and animals.

Most medical schools require General Zoology for admission. Vertebrate Morphology is required by some and advised by others. General Botany is required by a few. Most graduate schools require, as a prerequisite for work in Biology, a reading knowledge of French and German, Chemistry 2, Physics 1 or 2 (or Geology 1, depending on the student's field of interest), and at least Biology 1 and 2. For advanced experimental Biology, Chemistry 4 may be necessary.

A gift from the class of 1915 enables the department to house and display the extensive collections of the college so that they are available to anyone interested in the natural history of the Philadelphia area.

Major Requirements

Biology 1, 2, 7, and one of 3, 4, and 5.

Two courses chosen from Physics 1 or 2, Chemistry 2, and Geology 1.

Reading and reporting on approximately 15 biological books, besides those read in connection with courses. This is to be done at any time between the end of sophomore year and date of the comprehensive examination.

A comprehensive examination on the courses taken and the reading done is required to be passed. This examination will be partly written (approximately 4 hours), and partly oral.

1. General Zoology.—Lectures, W. S. 11:30; laboratory, W. F. 1:05–3:30. MR. DUNN and MR. HENRY.

The lectures of this course include a survey of the structure and relationships of animals, of the fundamental principles of living organisms, and an outline of the more important questions relating to evolution, heredity, and distribution. The laboratory periods are devoted to obtaining an acquaintance with the more important types of animal life. Two lectures and two laboratory periods a week. A fee of \$7.50 per semester is charged.

2. General Botany.—Lectures, W. F. 8:30; laboratory, Tu. Th. 1:05–3:30. MR. HENRY.

The fundamental principles of Botany and the application of plant science to human welfare are discussed in the lectures. The laboratory work consists of a study of the morphology, physiology, and life history of representatives of the principal groups of plants. A fee of \$7.50 per semester is charged.

3. Vertebrate Morphology.—Lecture, Th. 10:30; laboratory, Tu. Th. 1:05–3:30. MR. DUNN.

The laboratory work of this course includes the dissection of the principal types of vertebrates. The lectures deal with the origin, status, and evolution of the organ systems of vertebrates. One lecture and two laboratory periods a week. Prerequisite, *Biology 1*. A fee of \$7.50 per semester is charged.

4. Local Flora.—Lecture, F. 11:30; laboratory hours to be arranged. MR. HENRY.

The work of this course consists of the identification of representative Angiosperms, together with the study of their taxonomy and distribution. Collecting in the field will supplement laboratory work. One lecture and two laboratory periods a week. Prerequisite, *Biology 2*. A fee of \$7.50 per semester is charged.

[Not offered in 1941-42; to be offered in 1942-43.]

5. Entomology.—Lecture, F. 11:30; laboratory hours to be arranged. MR. HENRY.

This course has been designed to give the student a knowledge of the anatomy and physiology of insects. The laboratory work consists of the dissection of a representative of each of the larger Orders. Particular emphasis is placed on the structures used in identification and permanent mounts are made of many of them. The preparation of local collections is required as part of the work. One lecture and two laboratory periods a week. Prerequisite, *Biology 1*. A fee of \$7.50 per semester is charged.

[Offered in 1941-42; not to be offered in 1942-43.]

7. Evolution, Heredity, and Other General Biological Problems.—Tu. Th. S. 8:30. MR. DUNN.

This is a general cultural course, intended not only for students of Biology, but for all who wish to be informed on current biological matters, especially students of Sociology, Philosophy and History, and of other Sciences. Special emphasis is given to the modern theories of evolution and of heredity. Open, without prerequisite, to Juniors and Seniors. A fee of \$7.50 per semester is charged.

[Not offered in 1941-42; to be offered in 1942-43.]

10. Seminar Courses.—Hours to be arranged. Required of candidates for Honors in Biology.

Open only by permission of the Instructor.

Vertebrate Zoölogy—Classification and evolution of vertebrate groups. Prerequisite, *Biology 1*; *Biology 3* or with *Biology 3*. MR. DUNN.

Advanced Morphology—Study of morphological problems in animals. Prerequisite, *Biology 3*. MR. DUNN.

Ecology and Distribution—Problems of habitat relationships or geographical relationship of plants and/or animals. Prerequisite, *Biology 1* or *Biology 2*. MR. DUNN and MR. HENRY.

Genetics—Problems of Genetics. Primarily for Graduate Students. MR. DUNN

Advanced Botany—Studies in comparative anatomy of plants. Prerequisite, *Biology, 2, 4*. MR. HENRY. No fixed fee.

CHEMISTRY

The courses required for the Chemistry Major are designed to give the student a comprehensive knowledge of the fundamentals of chemistry which will qualify him for entrance to medical school or for non-professional chemical work. A student who plans to enter medical school should take, regardless of the department in which he majors, Chemistry 1 (or its equivalent), 2, 3, 4, and 5.

Haverford College has been placed by the American Chemical Society on the approved list of institutions for the training of professional chemists. For a departmental recommendation for graduate work in chemistry, or a position as professional chemist, a stu-

dent must complete the following courses in chemistry and other subjects: Chemistry 1 (or its equivalent) 2, 3, 4, 5, 11a, 13a, 14b, 15a or 16b, and an additional half-year course in chemistry; Mathematics 2; Physics 2; German 2.

Major Requirements

Chemistry 1 (or its equivalent), 2, 3, 4, 5 and an additional half-year course in chemistry, and two courses in related departments. The major examination will cover the chemistry courses listed above.

Seniors majoring in the department will meet during the second half-year with members of the staff for a critical discussion of the chemical principles studied in the required courses and of the applications of these principles.

Honors

Candidates for final honors in chemistry are required to take during the Junior and Senior years at least four of the short courses offered by the Department such as: Chemical German reading, history of chemistry, glassblowing, chemical industry, physiological chemistry, the chemistry of the rarer metals, and special topics in inorganic chemistry.

1. Introductory General Chemistry.—Lectures, Tu. Th. and occasionally S. 9:30; laboratory, W. or Th. 1:05–3:30. MR. CADBURY.

Primarily for Freshmen and Sophomores who have not had chemistry in preparatory school. Additional reading required of Juniors and Seniors.

Lectures and laboratory work dealing with the preparation, properties, and uses of the more common elements and their compounds; fundamental laws and theories; and the general principles of chemistry applied to industrial processes. A fee of \$5.00 per semester is charged.

2. Advanced Inorganic Chemistry and Qualitative Analysis.—Lectures, Tu. Th. and occasionally S. 9:30; laboratory, Tu. Th. or two periods from M. W. F. 1:05–3:30. MR. MELDRUM, MR. JONES, MR. NEWHALL, and MR. RUOF.

Primarily for Freshmen and Sophomores who have had chemistry in preparatory school or who have passed Chemistry 1. Fundamental laws and theories. Reaction velocity and equilibrium. Theories of ionization and atomic structure applied to explain solution and electrolytic phenomena and the mechanism of chemical reactions. Qualitative analysis using semimicro methods constitutes the laboratory work. A fee of \$6.00 per semester is charged.

3. Quantitative Analysis.—Lectures, Tu. and Th. 10:30; laboratory, Tu. Th. or W. F. 1:05–3:30. MR. MELDRUM and MR. JONES.

Lectures on the general principles of gravimetric, volumetric, electrolytic, and other methods of analysis. In the laboratory, typical methods are applied. Prerequisite, *Chemistry 2* and *Mathematics 1*. A fee of \$6.00 per semester is charged.

4. Organic Chemistry.—Lectures, W. F. and occasionally M. 10:30; laboratory, two periods from M. Tu. W. 1:05–3:30. MR. MELDRUM and MR. JONES.

A study of aliphatic, aromatic, and heterocyclic compounds. Prerequisite, *Chemistry 2*. A fee of \$6.00 per semester is charged.

5. Physical Chemistry.—Lectures, Tu. and S. 8:30; laboratory, M. or Th. 1:05–3:30. MR. CADBURY.

A systematic study of the principles of physical chemistry, including the ideal gas, real gases, liquids, solids, solutions, electrical conductivity, electromotive force, hydrogen ion concentration, reaction velocity, homogeneous and heterogeneous equilibria, adsorption, catalysis and colloids. Prerequisite, *Chemistry 3*. A fee of \$6.00 per semester is charged.

11a. Chemical Thermodynamics.—Lectures M. W. F. 9:30, first half-year. MR. CADBURY.

A detailed study of the first and second laws of thermodynamics and their consequences; the application of these laws to chemical systems. The development and use of the third law. Prerequisite, *Chemistry 2*, *Mathematics 2* and either *Chemistry 5* or *Physics 2*. No fee.

12b. Advanced Physical Chemistry. Lectures M. W. F. 9:30, second half-year. MR. CADBURY.

Dipole moments and the parachor applied to the study of molecular structure. Modern theories of solutions. Reaction kinetics. Photochemistry. Prerequisite, *Chemistry 5* and *11a*, and *Mathematics 2*. No fee.

13a. Advanced Organic Chemistry and Qualitative Organic Analysis.—Lectures, W. F. 8:30; laboratory, M. Tu. or Th. 1:05–3:30, first half-year. MR. JONES.

A study of stereochemistry, carbohydrates, proteins, amino acids, and special reactions. The identification of organic substances by classification reactions and by the preparation of derivatives constitutes the laboratory work. Prerequisite, *Chemistry 4*. A fee of \$6.00 per semester is charged.

14b. Organic Syntheses.—Lectures, M. and occasionally F., 8:30; laboratory, two periods from M. Tu. F. 1:05–3:30, second half-year. MR. JONES.

The study of special preparative reactions of organic chemistry, including such reactions as the acetoacetic ester synthesis, the Beckmann rearrangement, the Claisen reaction, the Friedel-Crafts reaction, and the Perkin synthesis. Prerequisite, *Chemistry 13a*. A fee of \$6.00 per semester is charged.

15a or 16b. Advanced Quantitative Analysis.—Lectures W. and occasionally F. 11:30; laboratory, two periods from Tu. W. Th. and F. 1:05–3:30, either half-year. MR. MELDRUM.

A systematic study of methods for the quantitative determination of the elements. The laboratory work includes the Carius method for halogen, the determination of carbon and hydrogen by combustion, the analysis of fuel gas, and electrolytic analysis. Prerequisite, *Chemistry 3*. A fee of \$6.00 per semester is charged.

17a, 18b. Chemistry Research.—Hours to be arranged either half-year. MR. MELDRUM, MR. CADBURY, and MR. JONES.

Open only to Senior chemistry majors and graduate students in chemistry. May be elected as one or more courses. No fixed fee.

21a, 22b. Special Topics in Theoretical Chemistry.—Hours to be arranged either half-year. MR. MELDRUM. No fee.

Open only to graduate students.

ECONOMICS

The instruction in Economics is intended primarily to give students an understanding of the working of modern economic society, rather than to give training in business methods. The advanced courses are designed to give a liberal education, and to arouse an informed interest in public affairs, as well as to meet the needs of men going into business or finance, or going on to graduate work in economics or business administration. Several of

the advanced courses are designed to be of special value to men planning to enter the foreign service or other fields of government work, or going into journalism or law. A number of the courses acquaint the student with source material in the college library and elsewhere, and with research methods in economics, and give practice in the preparation of analyses and reports.

Men majoring in Economics should take supporting work in the fields of Government, History, and Sociology, and are encouraged to take *Introduction to Statistics*, offered by the Department of Mathematics. *Mathematics 1* is a prerequisite to *Statistics*.

Economics 1 is elective for Sophomores and is a prerequisite to all other courses in Economics. It may be taken by Freshmen with the permission of the Dean of Freshmen, and by Juniors and Seniors with the permission of the professor in charge.

Major Requirements

Economics 1, 3a, 11a, 13a, and three other half-year courses in Economics.

Sociology 1a, and three other half-year courses in supporting fields, as approved by the professors concerned.

Selected readings on the history of economic thought and on current economic problems.

A seven-hour comprehensive examination covering a review of the major courses and the readings. A part of the comprehensive examination may be oral.

1. Elementary Economics.

Section 1—M. W. F. 9:30. MR. PANCOAST.

Section 2—M. W. F. 11:30. MR. FETTER.

Section 3—M. W. F. 11:30. MR. PANCOAST.

Section 4b—M. W. F. 11:30. MR. TEAF.

(The three sections will meet together occasionally at the 11:30 hour on Monday. All students electing the course must have this hour free.)

The purpose of this course is to acquaint the student with the main features of modern economic life, and to develop an understanding of the principles underlying economic relationships. Emphasis is laid on the application of these principles to present day problems.

3a. Money and Banking.—M. W. F. 8:30, first half-year. MR. FETTER.

A study of the history and principles of money, credit, and banking, with particular reference to American conditions. Such problems as monetary standards, price movements and their effects, foreign exchange, commercial banking, and central banking and the Federal Reserve System are considered.

4b. International Trade and Finance.—M. W. F. 8:30, second half-year. MR. FETTER.

A study of foreign trade and exchange, international payments and trade problems connected therewith, money and banking in their international aspects, and international indebtedness. Prerequisite, *Economics 3a*.

5a. Industry and Society.—Tu. Th. S. 9:30, first half-year. MR. WATSON.

See *Sociology 5a*.

6b. Human Relations in Industry.—Tu. Th. S. 9:30, second half-year. MR. PANCOAST.

See *Sociology 6b*.

7a. Government Finance.—Tu. Th. 2-2:30, first half-year. MR. HERNDON

See *Government 7a*.

[Offered in 1941-42; not to be offered in 1942-43.]

9a. Accounting.—M. W. F. 2:30, first half-year. MR. PANCOAST.

The balance sheet and statement of profit and loss, the classification of accounts, the theory of debit and credit, the books of original entry and of record, opening and closing the books, corporation accounts, reserves, etc. Discussion is accompanied by practice problems. This course is intended to provide an understanding of accounting sufficient for students going into the professions as well as a foundation for advanced accounting courses for those who will go into business.

10b. The Corporation.—M. W. F. 2:30, second half-year. MR. TEAF.

Economic functions and legal responsibilities of the corporation and its members; fixed capital, and the analysis of financial statements; policies involving surplus, reserves, dividends, etc.; expansion, combination, and reorganization. Social problems created by the growth of corporations are given special attention. Prerequisite, *Economics 9a*.

11a. Government and Business.—M. W. F. 10:30, first half-year. MR. PANCOAST.

A study of the historical development, economic basis, and the present problems of the regulation of business organization and policies by government. Special attention is given to such topics as the trust movement, anti-trust legislation, the Federal Trade Commission, competitive practices, cartels and trade associations, and the regulation of securities and securities exchanges.

Also called *Government 11a*.

13a. National Income and Investment.—Tu. Th. S. 8:30, first half year. MR. FETTER.

A study of the meaning of national income and the methods of measuring it; its distribution in the United States; the economic effects of the allocation of national income as between consumption, investment, and hoarding; the significance of investment in the modern economy; the effects of governmental policy upon income distribution.

Enrollment limited. A seminar course intended primarily for economics majors, but also open to qualified students from other departments.

14b. Seminar in Economic Problems.—(For 1941-42: Latin American Economic Problems.) M. 2-5. Second half year. MR. FETTER.

This seminar will deal with an economic problem of current importance, with emphasis on the relation between economic analysis and the formulation of public policy.

The subject of the course may shift from year to year, or the same topic may be continued for several years, depending on developments in world economic affairs. In case of a shift in the subject matter of the course, it may be repeated for credit.

In 1941-42 the course will deal with selected economic problems of Latin America, including raw materials, industrialization, monetary stabilization, international indebtedness and commercial policy. As a background for the economic problems, the course will include a brief survey of the history and political organization of Latin America. Enrollment limited.

15a, 15b. Seminar.—Hours to be arranged. MR. FETTER and MR. TEAF.

Readings, reports, and conferences on selected topics, to meet the individual needs of graduate students.

ENGINEERING

The engineering courses are designed to give a thorough training in fundamental engineering principles and, as far as practicable, to illustrate the application of these principles to their associated industries.

Students not intending to enter the highly specialized fields of design and research will find the Haverford courses ample for their needs. Graduates of Haverford who have majored in engineering are admitted to the student-engineers' courses of the leading industrial companies on equal terms with graduates of the larger engineering colleges. Those who desire more specialized training before entering the active work of the profession are granted substantial credit toward advanced standing in technical institutions or are admitted to their graduate schools.

The engineering courses are conducted in the Hilles Laboratory of Applied Science, a modern building containing offices, classrooms, drawing rooms, a departmental library, mechanical and electrical laboratories, locker rooms, etc.

Exceptional facilities for observing the practical side of the work are offered by the many manufacturing companies in and near Philadelphia, and frequent inspection trips are made.

A typical course in fundamental engineering, similar to those variously announced as "General Engineering," "Engineering Administration," etc., is outlined immediately below.

FRESHMAN YEAR	SOPHOMORE YEAR
Principles of Engineering Drawing and Shop Methods	Kinematics of Machines
Engineering Orientation and Surveying	Analytical Mechanics
Inorganic Chemistry and Qualitative Analysis	General Physics
Mathematics	Calculus
English Composition and Literature and Public Speaking	Introduction to Politics
Foreign Language	Elementary Economics
Physical Education	Physical Education
JUNIOR YEAR	SENIOR YEAR
Elements of Applied Electricity	Heat Engineering
Alternating Currents	Strength of Materials
Thermodynamics	Machine Design
Fluid Mechanics	Special Project in Engineering
Materials of Engineering	Internal Combustion Engines
Differential Equations	Accounting (or Statistics)
Government and Business	English Elective
Introduction to Sociology	The Corporation
Social Problems	Industry and Society
Physical Education	Seminar
Seminar	

The specific courses offered are described below; but, in addition, others may be arranged to cover special needs. Application

for admission to such courses should be made to the professor in charge. *Engineering 13a, 14b and 23a, 24b* may be counted as courses in Physics for the purpose of satisfying any curriculum requirements.

Major Requirements

Engineering 1a, 2b, 7a, 8b, 13a, 14b, 15a, 16b

Chemistry 1 or its equivalent, Mathematics 2, Physics 2 and two additional half year courses from Engineering, Mathematics, Physics or Chemistry.

An active interest in current professional work.

Seminar and comprehensive examination.

1a. Principles of Engineering Drawing and Shop Methods.—Drawing Tu. Th. 1:05–3:30 and one shop period to be arranged, first half-year. MR. HOLMES, MR. HETZEL and MR. RANTZ.

Lettering, conventions, projection, perspective, sketching, detail and assembly drawings, checking, and blue printing. Text: French, *Engineering Drawing*, and French and McCully, *Engineering Drawing Sheets*. Woodworking, pattern and foundry work in shop. Reference library. Inspection trips. A fee of \$7.50 per semester is charged.

2b. Engineering Orientation, Surveying and Shop Methods.—Tu. Th. 1:05–3:30 and one shop period to be arranged, second half-year. MR. RITTENHOUSE, MR. HOLMES, MR. HETZEL and MR. RANTZ.

The purpose of this course is to inform students as to the nature and scope of various fields of engineering and to acquaint them with typical engineering equipment and problems. Exercises in machine-tool work, in plane surveying and in the mechanical and electrical laboratories. Discussions and reports. Reference library. Inspection trips. A fee of \$7.50 per semester is charged.

3a or 4b. Descriptive Geometry.—Hours to be arranged. MR. HOLMES.

Advanced orthographic projections; applications to engineering structures. Theory and plates. A fee of \$5.00 per semester is charged.

5a. Shop Methods.—Hours to be arranged, first half-year. MR. RANTZ.

Machine-tool work on the lathe, planer, milling machine, shaper, etc. Modern production methods; costs and time studies. Prerequisite, *Engineering 1a, 2b*. Reference library. A fee of \$7.50 per semester is charged.

7a. Kinematics of Machines.—Drawing, M. W. 1:05–3:30 and one class period to be arranged first half-year. MR. HETZEL.

Velocity and acceleration analysis of mechanisms; cams, belts and chains, gears, etc. Occasional inspection trips. Text: Keown and Faires, *Mechanism*, and Headley, *Problems in Kinematics*. A fee of \$5.00 per semester is charged.

8b. Analytical Mechanics.—Tu. Th. S. 10:30, second half-year. MR. HETZEL.

A study of forces and moments of forces; determination of stresses in trusses and cranes; centroids and center of gravity; rectilinear and curvilinear motion; translation and rotation of bodies; work, power, and energy; impulse and momentum; balancing and moments of inertia. Text: Seely and Ensign, *Analytical Mechanics for Engineers*. Prerequisite or parallel course, *Mathematics 2*. No fee.

10b. Materials of Engineering.—Two class hours and one laboratory period to be arranged, first half-year. MR. HOLMES.

A study of the production and engineering properties of metals, their alloys and the more important non-metallic materials. Laboratory exercises on the testing machine, heat treatment, microscopic study of metals, hardness testing, etc. Text: Mills, *Materials of Construction*. Reference library. Inspection trips. A fee of \$7.50 per semester is charged.

11a. Fluid Mechanics.—Three class hours with occasional laboratory tests, first half-year. MR. HOLMES.

The properties of fluids; statics and dynamics of compressible and incompressible fluids; accelerated liquids in relative equilibrium; Reynolds' number; Bernoulli's theorem; flow of fluids in pipes, orifices and nozzles; flow with a free surface in channels and weirs; impulse and momentum in fluids; resistance of immersed and floating bodies; cavitation and dynamic similitude. Text: Dodge and Thompson, *Fluid Mechanics*. A fee of \$5.00 per semester is charged.

12b. Thermodynamics.—Hours to be arranged, second half-year. MR. HOLMES and MR. HETZEL.

Energy, gas laws, vapors, mixtures of gases and vapors, flow of fluids, theoretical and actual thermodynamic cycles for power and refrigeration. No fee.

13a. Elements of Applied Electricity.—Tu. Th. 10:30; laboratory, W. or Th. 1:05–3:30, first half-year. MR. RITTENHOUSE.

This course, while fundamental to the more advanced electrical courses, is adapted to the needs of those students desiring practical experience with the common applications of electricity. It includes a study of circuits, d.c. generators and motors, lamps, heaters, etc. The instruction is carried on by textbook and laboratory work. Text: Cook, *Elements of Electrical Engineering*. A fee of \$7.50 per semester is charged.

14b. Alternating Current Theory and Practice.—Tu. Th. 10:30; laboratory, W. or Th. 1:05–3:30, second half-year. MR. RITTENHOUSE.

A continuation of course 13a, with a more detailed study of alternating currents including applications to power and communication apparatus. A fee of \$7.50 per semester is charged.

15a. Heat Engineering.—M. W. F. 8:30 and one laboratory period to be arranged, first half-year. MR. HOLMES.

This course includes a study of steam and gas engines, turbines, condensers air-compressors, steam boilers, power-plant economies, and cost of power. Text: Severns and Degler, *Steam, Air and Gas Power*.

In general, one laboratory period a week is required. The laboratory exercises parallel the classroom work and include boiler and engine testing, fuel tests, gas analysis, calibration of instruments, etc. Comprehensive reports for each test are required. Reference library, inspection trips. A fee of \$7.50 per semester is charged.

16b. Strength of Materials.—W. F. 8:30 and one laboratory period to be arranged; second half-year. MR. HOLMES and MR. RANTZ.

A study of stress and strain; of beams and columns; of shafting; of girders, trusses, combined stresses, etc. A series of tests on the screw testing-machine is made by each student. Text: Laurson and Cox, *Mechanics of Materials*. Inspection trips. A fee of \$7.50 per semester is charged.

18b. Internal Combustion Engines.—Hours to be arranged, second half-year. MR. HETZEL.

A course on gasoline and Diesel engines, with particular attention to thermodynamics and the subject of fuels. Special topics may be arranged according to the interests of the group. Lectures, assigned reading, problems, laboratory experiments, inspection trips. Text: Lichty, *Internal Combustion Engines*. No fee.

21a or 22b. Mechanical Laboratory.—Hours to be arranged, first or second half-year. MR. HOLMES and MR. HETZEL.

Operation, testing, and theory of steam, gas, hydraulic, and air machinery. Two periods of experimental work per week with reports on each test. If taken as 21a, the course may be continued through the second half-year by arrangement. Prerequisite, *Engineering 15a*. Reference library. A fee of \$7.50 per semester is charged.

23a. Electrical Circuits and Measurements.—Hours to be arranged, first half-year. MR. RITTENHOUSE.

Circuit theory and laboratory work covering magnetic, inductive, capacitive and polyphase circuits; transients, non-sinusoidal voltages and currents. Text: Weinbach, *Alternating Current Circuits*. A fee of \$7.50 per semester is charged.

24b. Electrical Circuits and Measurements.—Hours to be arranged, second half-year. MR. RITTENHOUSE and MR. HETZEL.

Circuit theory and laboratory work covering especially electron tubes, rectifiers, amplifiers, communication apparatus, etc. A fee of \$7.50 per semester is charged.

25a, 26b. Special Projects in Engineering.—Hours to be arranged. MR. RITTENHOUSE, MR. HOLMES and MR. HETZEL.

Students majoring in Engineering are encouraged to do individual work in special fields of investigation. Each student devotes the time equivalent to one or two semester courses in comprehensive reading and experimental work on some particular topic. No fixed fee.

28b. Machine Design.—Hours to be arranged, second half-year. MR. HETZEL.

A study of the design of machine elements followed by a comprehensive design project in which a complete machine will be designed and detail working drawings made. Open to Senior engineering majors. Text: Faires, *Design of Machine Elements*. No fixed fee.

ENGLISH LANGUAGE AND LITERATURE

The department believes it essential to insure that all undergraduates are prepared to use the English language efficiently in their college courses, regardless of the nature of those courses. Freshmen, therefore, are required to prove their ability in this respect.

It believes further that it must provide a general cultural background for those students whose interests are chiefly scientific or technical. It offers, therefore, intermediate courses in English and American literature.

It believes, finally, that it must provide courses for students who intend to do graduate work in literature or related fields. It offers, therefore, advanced courses designed both in content and method to train students with serious special interests.

The department recognizes that these intentions cannot be rigidly differentiated, and there is no intention that they should be. Considerable freedom is possible for the individual student after appropriate consultation.

Major Requirements

An individual program equal to six full-year courses, made up principally from the advanced English courses with the approval of the Major Supervisor, and stressing the Elizabethan and nineteenth-century literature.

1a. Methods and Techniques of College Work.—Tu. Th. S. 10:30, first half-year. MR. SNYDER assisted by MR. GIBB.

Supplementary lectures by the President of the College and various professors from departments other than English.

2b. Types of English Literature.—Tu. Th. S. 10:30, second half-year. MR. SARGENT assisted by MR. TAFT.

3a. Advanced Freshman English.—Tu. 8–10 p.m. and by appointment, first half-year. MR. GIBB.

Elective for those students who satisfy the instructor and the administration of their eligibility for advanced work. Limited to eight.

4b. Intermediate Composition.—M. W. F. 9:30, second half-year. MR. TAFT.

A practical course in exposition and argumentation, written and oral, for Seniors, Juniors, Sophomores and Freshmen. Individual conferences to promote clear and logical presentation of difficult material. Limited to twenty. Apply in advance.

11a. Shakespeare.—Tu. Th. S. 8:30, first half-year. MR. SARGENT assisted by MR. TAFT.

Rapid reading of several plays with emphasis on features of general and popular interest. Not restricted, but offered primarily for Sophomores.

12b. Contemporary Drama.—Tu. Th. S. 8:30, second half-year. MR. SNYDER assisted by MR. GIBB.

A study of the technique and practice of the modern drama, as illustrated in the works of Ibsen and the best modern dramatists of England and America. Not restricted, but offered primarily for Sophomores.

14b. American Literature to the Civil War.—M. W. F. 11:30, second half-year. MR. SNYDER assisted by MR. TAFT.

21a. Nineteenth-Century Prose.—Tu. Th. 10:30, first half-year. MR. TAFT.

A study of the prose of the period 1830–1900, with special emphasis on fiction and on critical writings. The relation between economics and literary tendencies is emphasized.

22b. Nineteenth-Century Poetry.—Tu. Th. S. 10:30, second half-year. MR. SNYDER.

A study of six poets: Coleridge, Wordsworth, Shelley, Byron, Keats, and Tennyson. Lectures and classroom discussions.

23a. Elizabethan Literature.—M. W. F. 9:30, first half-year. MR. SARGENT.

Authors other than Shakespeare. Offered primarily for Juniors majoring in English or a foreign literature. Prerequisite, English 11a. Limited to twelve.

24b. Greek Literature in English.—M. W. F. 9:30, second half-year. MR. POST. (See Greek 24b, page 69.)

25a. Eighteenth-Century Literature.—M. W. F. 2:30, first half-year. MR. TAFT.

Swift, Pope, Fielding and their contemporaries. Limited to twelve.

26b. Eighteenth-Century Literature.—M. W. F. 2:30, second half-year. MR. TAFT.

The Age of Johnson. Prerequisite, *English 25a*. Limited to twelve.

28b. Creative Writing.—Second half-year. MR. SARGENT.

Practice in writing imaginative literature. Chiefly confined to prose fiction. Regular assignments, class discussion and personal conferences. Limited to twelve Juniors and Seniors [Not offered in 1941–42; to be offered in 1942–43].

30b. Chaucer.—Tu. Th. S. 8:30, second half-year. MR. SARGENT.

Some introduction to the study of Middle English, but main emphasis upon analysis of the literary qualities of *Troilus and Criseyde* and *The Canterbury Tales* [Offered in 1941-42; not to be offered in 1942-43].

32b. Contemporary English and American Literature.—Hours to be arranged. MR. SARGENT.

Selected twentieth-century writers, from Conrad and Crane to the present. Fiction, verse and criticism. Emphasis on development and treatment of literary problems in this period. Prerequisite, two half-courses in English beyond the Freshman year [Not offered in 1941-42; to be offered in 1942-43].

34c. Debating and Public Discussion.—Hours to be arranged. Second and third quarters. MR. MONTGOMERY.

Local and intercollegiate debates, open forums. Apply in advance.

41a. Special Topics in Prose of the Romantic Period.—Tu. 8-10 pm. and by appointment, first half-year. MR. TAFT.

Limited to twelve. Apply in advance.

42b. Special Topics in Poetry.—Tu. 8-10 p.m. and by appointment, second half-year. MR. SNYDER.

Important treatises on poetics from Aristotle to Whitman. An intensive study of Browning's poems. Limited to twelve. Apply in advance. Prerequisite, *English 21a*.

43a. Methods of Literary Scholarship.—With special reference to Shakespeare. M. 8-10 p.m. and by appointment, first half-year. MR. SARGENT.

A study of the aims, problems and methods of research in English literature, by means of a survey of types of Shakespearean scholarship. Bi-weekly reports, and one piece of original investigation. Apply in advance. Limited to twelve. Prerequisite, *English 23a*.

FRENCH

The introductory courses are primarily language courses designed to give a thorough knowledge of grammar as a basis for accurate reading and writing in French. The advanced language course, French 3, stresses composition and accuracy and fluency in translation. French 4 is a survey of the history of French literature from 1800 to the present. The courses in French literature are devoted to intensive study of the periods indicated. All courses are conducted in French so far as possible.

Opportunity is given to students who complete French 1 or French 2 with distinction to advance rapidly into higher courses by passing a special examination in September on a prescribed program of vacation study and reading.

Major Requirements

French 3, 4, 5, 16b, 17a, 18b, 19a.

History of France since 1515.

Latin 3 or German 3 or Spanish 4. For those students planning to do graduate work in Romance languages, both Latin 3 and German 3 should be taken; for

those not continuing their studies after graduation, Spanish 4 may be substituted.

Supporting courses in English, and Italian are recommended.

A comprehensive examination, written and oral, on the language, literature and history of France.

1. Elementary French.—M. W. F. 8:30. MR. MELCHIOR.

Grammar, conversation and reading.

2. Intermediate French.

Section 1. M. W. F. 9:30. MR. MELCHIOR.

Section 2. M. W. F. 11:30. MR. WILLIAMSON.

Grammar, composition and reading, both in the classroom and as outside work.

Prerequisite, *French 1* or entrance *French 2*.

3. Advanced Intermediate French.

Section 1. M. W. F. 9:30. MR. WILLIAMSON.

Section 2. Tu. Th. S. 9:30. MR. WILLIAMSON.

Section 3. M. W. F. 10:30. MR. MELCHIOR.

Composition and reading of French classics before 1800. Prerequisite, *French 2* or entrance *French 3*.

4. History of French Literature, from 1800 to the present. Tu. Th. S. 9:30. MR. MELCHIOR.

Lectures, reading, written and oral reports. Prerequisite, *French 3*.

5. Advanced French Composition and Conversation.—Tu. Th. S. 8:30. MR. MELCHIOR.

Based in part on works of recent French literature. Prerequisite, *French 3*. *French 4* is normally a prerequisite, but exception is sometimes made for well qualified students interested primarily in the language.

16b. French Literature through the Sixteenth Century.—M. W. F. 9:30. MR. W. W. COMFORT.

Lectures with collateral reading and reports on the history of French literature from its origins through the sixteenth century. Prerequisite, *French 4*.

[Offered in 1941-42; not to be offered in 1942-43.]

17a. French Literature of the Seventeenth Century.—Hours to be arranged, first half-year. MR. WILLIAMSON.

Lectures, reports and discussions on the main currents of thought and outstanding literary figures of the century. Prerequisite, *French 4*.

[Not offered in 1941-42; to be offered in 1942-43.]

18b. French Literature of the Eighteenth Century.—Hours to be arranged, second half-year. MR. MELCHIOR.

Written and oral reports. Prerequisite, *French 4*.

[Not offered in 1941-42; to be offered in 1942-43.]

19a. French Literature of the Nineteenth Century. Tu. Th. 2:00-3:30. MR. WILLIAMSON.

Lectures, reports and discussions on the evolution of the theater, the novel and poetry. Prerequisite, *French 4*.

[Offered in 1941-42; not to be offered in 1942-43.]

GEOGRAPHY AND GEOLOGY

1. Geography and Geology.—Tu. Th. S. 8:30. MR. DUNN.

A discussion of the general principles of the sciences, with special reference to North America, and to the Philadelphia region. Practical work in mineralogy, physiography, and stratigraphy is required. Three lectures a week (one omitted at option of instructor). Open to Juniors and Seniors without prerequisite.

[Offered in 1941-42; not to be offered in 1942-43.]

GERMAN

1, 2, 3, and 9a are primarily language courses. The remaining courses are devoted primarily to the history of German literature, or to the intensive study of special periods or authors. The courses in literature are open only to Juniors and Seniors and to especially well qualified Sophomores.

Opportunity is given to students who complete *German 1* or *German 2* with distinction to advance rapidly into higher courses by passing a special examination in September on a prescribed program of vacation reading.

Major Requirements

German 3, 4, 9a, 11a, 12b, 13, and 14b.

Supporting courses to be arranged in conference with MR. KELLY.

A comprehensive examination covering: 1. The German language; 2. History of the German language; 3. German literature; 4. German history, 1517-1914; and 5. A special period, literary movement, or author.

1. Elementary German.—Section 1: M. W. F. 8:30; Section 2: M. W. F. 9:30. MR. KELLY and MR. PFUND.

Grammar, conversation, and the reading of simple texts.

2. Intermediate German.—Section 1: M. W. F. 9:30; Section 2: M. W. F. 10:30. MR. KELLY and MR. PFUND.

Texts of moderate difficulty are read both in class and as outside work. One hour a week is devoted to composition. So far as practicable German is the language of the classroom.

3. Advanced German.—Tu. Th. S. 9:30. MR. PFUND.

Reading of standard works of German literature. Composition and Conversation. Prerequisite, *German 1* or entrance *German 3*.

4. German Classics of the Eighteenth Century.—Representative works of Lessing, Goethe, and Schiller.—Hours to be arranged. MR. KELLY.

Prerequisite, *German 3* or the equivalent.

9a. Advanced Composition and Conversation.—F. 2:30, and one evening session; first half-year. MR. PFUND.

Prerequisite, *German 3* or the equivalent.

[Offered in 1941-42; not to be offered in 1942-43.]

11a. History of German Literature, from its origins to the seventeenth century. Suggested hours, Tu. 7:30-10 P.M., first half-year. MR. PFUND.

Lectures in German, with collateral reading in modern German translation. Discussions. Written and oral reports.

Prerequisite, *German 3*.

[Not offered in 1941-42; to be offered in 1942-43.]

12b. History of German Literature, from the seventeenth century to the present. Suggested hours, Tu. 7:30-10 P.M., second half-year. MR. PFUND.

A survey course with lectures in German. Collateral reading. Discussions. Written and oral reports.

Prerequisite, *German 3*.

[Not offered in 1941-42; to be offered in 1942-43.]

13. German Literature of the Nineteenth Century.—Hours to be arranged. MR. KELLY.

[Offered in 1941-42; not to be offered in 1942-43.]

14b. Faust.—Suggested hours, Tu. 7:30-10 P.M., second half-year. MR. PFUND.

An intensive study of Goethe's *Faust* in the original. Consideration is given to kindred works in European literature.

[Offered in 1941-42; not to be offered in 1942-43.]

15a. The Life and Works of Richard Wagner.—Hours to be arranged, first half-year. MR. KELLY.

16b. German Lyric Poetry.—Hours to be arranged, second half-year. MR. PFUND.

GOVERNMENT

Courses in Government are designed with three purposes: to provide an understanding of the philosophy behind and the evolution of political ideas; to study contemporary forms and processes of local, state, national, and international government; to provide training for students entering public service, journalism or the law.

Major Requirements

Four courses or eight half-year courses in Government, including Government 17a and 18b and either Government 1 or 3.

Two courses or four half-year courses in Economics (except Economics 1), History (except History 1), and Sociology.

A three-hour examination in political philosophy.

A three-hour examination covering studies in the American governmental system.

A three-hour examination in foreign governmental and international studies.

1. Introduction to Politics.—Tu. Th. S. 9:30. MR. GERIG.

A study of the basic geographical factors which have influenced political policies and governmental institutions, together with an examination of the political forms and policies which various states have evolved.

This course is intended primarily for Freshmen, but is open also to Sophomores.

3. American Federal Government.—Tu. Th. S. 10:30. MR. HERNDON.

A study of the origin, structure, and functioning of the American federal governmental system.

This course is intended primarily for Sophomores, but is open also to Juniors.

5a, 6b. Contemporary Legislation.—Tu. 8-10 P.M., F. 11:30. MR. HERNDON.

A seminar course which examines the technique of legislation and analyzes certain selected bills currently before Congress.

7a. Government Finance.—Tu. Th., 2-3:30; first half-year. MR. HERNDON.

A study of the general principles of public revenues, public expenditures, public indebtedness, fiscal administration, and of the principles of equity in the distribution of tax burdens. Prerequisite, *Government 3* or *Economics 1*.

Also called *Economics 7a*.

[Offered in 1941-42; not to be offered in 1942-43.]

9a. Constitutional Law.—Tu. Th. 2-3:30, first-half year. MR. HERNDON.

A study of the principles of constitutional interpretation and of the leading decisions of the Supreme Court. This course also includes readings in selected works on constitutional development and lectures on the essentials of jurisprudence. Prerequisite, *Government 3*.

[Not offered in 1941-42; to be offered in 1942-43.]

10b. State and Local Government.—Tu. Th. 2-3:30, second half-year. MR. HERNDON.

A study of the structure and administration of state and local government, with special reference to: Pennsylvania; Montgomery, Delaware and Philadelphia Counties; Haverford and Lower Merion Townships. Prerequisite, *Government 3*.

11a. Government and Business.—M. W. F. 10:30, first half-year. MR. PANCOAST.

See *Economics 11a*.

13a. American Foreign Policy. Tu. Th. S. 10:30, first half-year. MR. GERIG.

A study of the basic foreign policies which have evolved in the experience of the United States, and the adaptations which have been found necessary in recent times. Prerequisite, *Government 1* or *Government 3*.

14b. International Relations. Tu. Th. S. 10:30, second half-year. MR. GERIG.

The evolution of interstate relations, the forces determining national foreign policies, and the areas of conflict or agreement of these policies. Prerequisite, *Government 13a*.

16b. Comparative Government.—M. W. F. 9:30, second half-year. MR. GERIG.

A study of the constitutional systems of the principal states and the ways in which the varied national philosophies and structures of government affect the problems of international cooperation. Prerequisite, *Government 1* or *Government 3*.

[Offered in 1941-42; not to be offered in 1942-43.]

17a. The Development of Political Thought.—M. 8-10 P.M., W. 11:30, first half-year. MR. MORLEY and MR. STEERE, assisted by MR. GERIG, MR. POST, and MR. LOCKWOOD.

A seminar course based upon the writings of selected political philosophers from Plato to Rousseau.

This course is intended primarily for Seniors and Graduate students.

18b. The Development of Political Thought.—M. 8-10 P.M., W. 11:30, second half-year. MR. MORLEY, and MR. GERIG, assisted by MR. STEERE and MR. HERNDON.

A seminar course based upon the writings of selected political philosophers from the time of the French Revolution to the present day. Prerequisite, *Government 17a*.

This course is intended primarily for Seniors and Graduate students.

22b. International Organization and Administration.—M. W. F. 9:30, second half-year, MR. GERIG.

An examination of proposed plans for world organization, studied in the light of the experience of the League of Nations, the Permanent Court of International Justice, the International Labor Organization, and other international bodies. Prerequisite, *Government 1* or *Government 3*.

[Not offered in 1941-42; to be offered in 1942-43.]

31. Foundations of a Stable World Order.—W. 3-5:30 P.M. MR. GERIG and MISS REID, assisted by MR. HERNDON, MR. FENWICK and MR. WELLS.

This is a seminar which may be participated in by qualified graduate students of Haverford and Bryn Mawr Colleges. During February and March 1942 the leader will be Judge Manley O. Hudson, of the Permanent Court of International Justice, who is also professor of International Law at Harvard University.

Students desiring instruction in International Law should consult Mr. Herndon for information about courses available in that subject at Bryn Mawr College.

GREEK

Instruction in Greek aims from the outset to introduce the student to the thought and culture of ancient Greece. Greek language is important for its relations to other European languages and for its effect on modern scientific terminology, particularly in medicine.

Greek literature and thought have always been an important force in the modern world; in connection with their study the recurring principles of behavior, statecraft, philosophy, and drama are stressed.

Major Requirements

Greek 3, and four half-year courses from Greek 7a, 8b, 9a, 10b, 11a, 12b, 24a, and History 13a.

Three additional courses to be arranged in conference with Mr. Post.

If Greek 2 is not taken in college, an additional half-course will be required.

A comprehensive examination on Greek language and literature, Greek history and Greek civilization.

1. Elementary Greek.—M. W. F. 8:30 MR. POST.

Thorough study of the elements of the language followed by the reading of simple Attic prose. This course should be taken in Freshman year, if possible.

2. Intermediate Greek.—M. W. F. 11:30. MR. POST.

A rapid reading course in such authors as Homer, Herodotus, and Euripides.

3a, 4b. Advanced Intermediate Greek.—Tu. Th. S. 9:30. MR. POST.

Selections from Plato, Menander, Aristophanes, and the tragedians are read.

7a, 8b. Advanced Greek.—Hours to be arranged. MR. POST.

The instructor will arrange with students electing this course for systematic study of special subjects in Greek philosophy, history, or literature in connection with the reading of Greek authors.

9a, 10b. Advanced Greek.—Hours to be arranged. MR. POST.

A continuation of the work done in *Greek 7a, 8b*.

11a, 12b. Advanced Greek Prose Composition.—Hours to be arranged. MR. POST.

This course should be taken by all candidates for final honors in Greek.

24b. Greek Literature in English.—M. W. F. 9:30, second half-year. MR. POST.

Lectures on Greek literature. Reading of Greek poetry, drama, and literary criticism in translation. Essays and discussions. No knowledge of Greek is required in this course, but a general acquaintance with English literature is essential. Also called English 24b.

[To be given in 1942-43 as 27a—Tu Th. S. 9:30, first half-year]

HISTORY

The study of History provides a background against which many current problems may be viewed to advantage, and it tends to develop critical standards for the evaluation of evidence. It is further important as a foundation for professional studies in fields such as journalism and the law.

Major Requirements

Four full-year courses (or three full-year courses and two half-year courses) in History.

Two full-year courses or their equivalent in related departments.

Four review examinations of three hours each.

1. English History.—M. W. F. 10:30. MR. LUNT.

A survey of political, constitutional, economic, and social history, intended as an introductory course. Open to Freshmen and Sophomores.

2. Foundations of the United States, 1492-1865.—M. W. F. 8:30. MR. DRAKE.

Lectures, reading, and discussion in American colonial and early national history. Not open to Freshmen.

3. National Development of the United States, 1865 to the Present.—Tu. Th. S. 8:30. MR. DRAKE.

A study of institutional growth, with the larger social and political issues of the present considered in their historical setting. A lecture, reading, and discussion course, intended primarily for Juniors and Seniors.

4. English Constitutional History.—M. W. F. 9:30. MR. LUNT.

A study of the formation and growth of English institutions, designed to be useful particularly to those who are interested in government and law. Elective for Juniors, Seniors, and Graduates.

[Offered in 1941-42; not to be offered in 1942-43.]

5. Mediaeval History.—M. W. F. 9:30. MR. LUNT.

A survey of the history of Europe from the time of the barbarian invasions to about 1500. Elective for Juniors, Seniors, and Graduates. Sophomores who have had *History I* may also enter this course. Graduate students should have a reading knowledge of Latin, French or German.

[Not offered in 1941-42; to be offered in 1942-43.]

6. Modern European History.—M. W. F. 1:30. MR. LUNT.

A survey of the history of Europe from about 1500 to the present. Elective for Juniors and Seniors. Sophomores who have had *History I* may enter the course.

[Offered in 1941-42; not to be offered in 1942-43.]

8b. The Development of the South American Republics.—Hours to be arranged, second half-year. MR. BASADRE.
[Offered only in 1941-42.]

13a. Greek History.—Suggested hours, Tu. 1:30-3:30, Th. 1:30-2:30, first half-year. MR. H. COMFORT.

A survey of Greek history, with frequent reports on the art, archaeology, and political institutions of Greece. A knowledge of Greek is not required. Not open to Freshmen.

14b. Roman History.—Suggested hours, Tu. 1:30-3:30, Th. 1:30-2:30, second half-year. MR. H. COMFORT.

A survey of Roman history to the time of Constantine. Frequent class reports on special topics. A knowledge of Latin is not required. Not open to Freshmen.

ITALIAN

1. Elementary Italian.—M. W. F. 1:30. MR. WILLIAMSON.

Grammar, composition, and reading. Not open to Freshmen.
[Not offered in 1941-42; to be offered in 1942-43.]

2. Italian Literature.—M. W. F. 2:30. MR. WILLIAMSON.

The *Divina Commedia* and Italian classics both in the classroom and as outside work. Prerequisite, *Italian 1*.
[Offered in 1941-42; not to be offered in 1942-43.]

LATIN

The courses in Latin supplement the intensive foundation work of the secondary school by means of more extensive reading over a wider range of literature, illustrating successive eras of culture from the third century B.C. to the sixteenth century A.D. By also inculcating a fuller knowledge of the Latin language as a tool, the same courses open the door to a better command of English, Romance languages, philosophy, and history.

Students who are deficient in their Latin entrance requirements for the A.B. degree and have passed only 2 units of Latin (see page 24) will be admitted to *Latin 1*. Similarly, those who have passed only 3 units will be admitted to *Latin 1* or 2, depending on whether they have studied Vergil or Cicero in their third year. Those who have met the full entrance requirement by passing 4 units will be admitted to *Latin 3*. *Latin 3* is the course regularly required at Haverford for the A.B. degree (unless Greek is elected instead of Latin).

Major Requirements

Four full-year courses in Latin (not including 1 and 2).

Two such additional full-year courses in other departments as are arranged in conference between the student and the professors in charge.

A comprehensive written examination on Roman history, literature, and civilization, and the classical heritage of medieval and modern times. Candidates for honors must also take an oral examination.

1. Cicero.—Hours to be arranged. MR. H. COMFORT.

Six *Orationes* of Cicero and readings in other prose authors.

2. Vergil.—Hours to be arranged. MR. H. COMFORT.

Six books of Vergil's *Aeneid* and readings in other Roman poets.

3. Survey of Classical Roman Literature.—M. W. F. 2:30. MR. LOCKWOOD.

Rapid reading of classical authors from Plautus to Suetonius. Emphasis will be laid on literary history and appreciation. Text: Lockwood, *A Survey of Classical Roman Literature*.

7a. Roman Drama.—Suggested hours, M. W. F. 10:30, first half-year. MR. H. COMFORT.

Plautus, Terence, Seneca.

[Not offered in 1941-42; to be offered in 1942-43.]

8b. Roman Imperial Prose.—Suggested hours, M. W. F. 10:30, second half-year. MR. H. COMFORT.

Petronius, Tacitus, Pliny's *Letters*.

[Not offered in 1941-42; to be offered in 1942-43.]

9a. Roman Historians.—Suggested hours, M. W. F. 10:30, first half-year. MR. H. COMFORT.

Livy, Caesar, Cicero's *Letters*.

[Offered in 1941-42; not to be offered in 1942-43.]

10b. Poetry of the Golden Age.—Suggested hours, M. W. F. 10:30, second half-year. MR. H. COMFORT.

Catullus, Vergil, Horace, Ovid.

[Offered in 1941-42; not to be offered in 1942-43.]

Any of the following courses may be repeated, with change of content, for full credit.

11. Survey of European Latin Literature.—Hours to be arranged. MR. LOCKWOOD.

Rapid reading of selections from the post-classical, Christian, mediaeval, and modern Latin writers; study of the phases of European civilization represented in Latin letters.

13a or 14b. Prose Composition.—Hours to be arranged, either half-year. MR. LOCKWOOD.

Required of candidates for Final Honors in Latin.

15a or 16b. Readings in Latin Literature.—Hours to be arranged. MR. LOCKWOOD and MR. H. COMFORT.

Individual work. Each student may select a field of reading which is correlated with his other college courses (e.g., in philosophy, history, Romance languages, or English literature) or he may pursue more intensive work in one of the periods or one of the literary types surveyed in *Latin 3, 7a, 8b, 9a, 10b, or 11*.

17. Roman Law.—Hours to be arranged. MR. LOCKWOOD.

Reading of selections from the *Institutes*, the *Digest*, and other texts and sources of Roman Law.

MATHEMATICS

Freshman mathematics is designed to provide that background of trigonometry, algebra, and analytic geometry which is necessary for any serious student of the physical or social sciences and which is culturally desirable for many others.

The more advanced courses are arranged to meet the needs of two groups in addition to those majoring in mathematics:

(1) Students of Chemistry, Physics, and Engineering, who should take *Mathematics 2* and in many cases *Mathematics 3* and *Mathematics 11a*.

(2) Students, such as economists and biologists, who need statistics in their major fields and who should take *Mathematics 13a* and *14b*.

The department major prepares for teaching in preparatory schools, for graduate study leading to college teaching, and for statistical and actuarial work.

Major Requirements

Mathematics 1, 2, 3, 4, 5, 11a, and 16b.

Prescribed parallel reading on the history and general principles of Mathematics.

Three written comprehensive examinations, each three hours in length. An oral examination will be required of candidates for final honors.

It is recommended that facility in reading French and German be acquired as early in the College Course as possible.

1. Freshman Mathematics.—M. F. 11:30, Tu. Th. 8:30. MR. OAKLEY, MR. ALLENDOERFER, MR. GREEN, and MR. WEIL.

First semester—Trigonometry and Advanced Algebra. For those presenting Mathematics Gamma or the equivalent, a brief review of plane trigonometry will be followed by advanced plane and spherical trigonometry. For all others the course will begin with plane trigonometry including logarithms and the solution of triangles. Following the trigonometry all students will take *Topics in Algebra*, including complex numbers, combinations and permutations, determinants, and elements of the theory of equations. An advanced section will be operated for those who have already mastered these topics.

Second semester—Analytic Geometry: general methods with applications to conic sections and other curves; introduction to the geometry of three dimensions.

2. Calculus.—M. W. F. 8:30. MR. ALLENDOERFER and MR. GREEN.

Differential and Integral Calculus, with applications. Prerequisite, *Mathematics 1*. Specially well qualified Freshmen may elect this course with the permission of the department. Such students will be required to spend one additional hour a week in a rapid course in analytic geometry.

3. Advanced Calculus and Differential Equations.—M. W. F. 8:30. MR. OAKLEY.

Prerequisite, *Mathematics 2*.

7a, 8b. Introduction to Higher Algebra.—Hours to be arranged. MR. ALLENDOERFER.

Advanced theory of equations, determinants, matrices, elementary group theory, and an introduction to the theory of numbers. Prerequisite, *Mathematics 2*. [Not offered in 1941-42; to be offered in 1942-43.]

9a, 10b. Introduction to Higher Geometry.—Hours to be arranged. MR. ALLENDOERFER.

Projective geometry from the synthetic and the analytic points of view. Klein's theory of general geometries including the standard non-Euclidean cases. Prerequisite, *Mathematics 2*.

[Offered in 1941-42; not to be offered in 1942-43.]

11a. Partial Differential Equations and Fourier Series.—Suggested hours: M. W. F. 9:30, first half-year. MR. WEIL.

Problem course, with many applications to Chemistry, Engineering and Physics. Prerequisite, *Mathematics 3*.

13a. Introduction to Statistics.—M. W. F. 10:30 first half-year. MR. OAKLEY.

Tabular and graphic methods, frequency distribution, averages, measures of central tendency, dispersion and skewness, correlation, tests of significance. Lectures and laboratory. Prerequisite, *Mathematics 1*. A fee of \$5.00 per semester is charged.

14b. Advanced Statistics, Elementary Probabilities and Finite Differences.—M. W. F. 10:30, second half-year. MR. OAKLEY.

This course is designed for students who are interested in statistical and actuarial work. Prerequisite, *Mathematics 2* and *8a*. A fee of \$5.00 per semester is charged.

[Offered in 1941-42; not to be offered in 1942-43.]

15a or 16b. Special topics.—Hours to be arranged. MR. OAKLEY, MR. ALLENDOERFER, and MR. WEIL.

The content of this course may vary from year to year to suit the needs of advanced students. May be repeated for credit. Topic for 1941-42; Functions of a Complex Variable.

MUSIC

The Music Study and Class Room are located in the Haverford Union. The bulk of the material for study is formed by the Carnegie gift of 1933 consisting of a rich collection of records, scores, and books.

The Glee Club, a section of the Cap and Bells organization, consists of about fifty members and is under the direction of Mr. Lafford. It gives a series of concerts at neighboring educational institutions, and, combined with the choir of Bryn Mawr College, a carol service during the Christmas season, and a concert in the Spring. Programs are selected from the works of the old masters and the best contemporary composers. There are opportunities for informal singing, both at Bryn Mawr College, and with members of the Faculty at Haverford.

The Orchestra, under Mr. Lafford's direction, holds weekly joint rehearsals with the Bryn Mawr College orchestra, and individuals frequently supplement the Swarthmore College orches-

tra. There are also occasional meetings of Chamber music groups. The College Band rehearses weekly.

A Hammond organ, with latest type (Model "E") console, is located in Roberts Hall. Elementary and advanced instruction in Organ is offered by Mr. Lafford.

3a. Music in the Nineteenth Century.—Tu. 7-9:30 P.M., first half-year. MR. SWAN.

5a, 6b. The Theory of Music.—Tu. Th. S. 10:30 MR. LAFFORD.

Introduction to Musical Theory, comprising the mechanics of notation, time, and of written music generally. Harmony, from two part and figured Harmony to unfigured Harmony in any form, and Counterpoint to fifth species in three parts, with an introduction to Fugue.

7. Advanced Theory of Music.—W. F. 10:30. MR. LAFFORD.

Counterpoint in four parts and fugue. Advanced harmony and practice in the elementary forms of composition. Orchestration.

PHILOSOPHY

The courses in philosophy are intended to help men face and examine the great issues of life, to acquaint them with the major currents of reflection upon the nature of the universe, and to assist them in finding their own way to a more ordered and intelligent relation with their world. The work aims to acquaint the students with the great classical thinkers and movements of philosophy and to put them in touch with present day philosophical discussions.

Major Requirements

Philosophy 1a, 5, 7a.

Four other half-year courses in Philosophy.

Four half-year courses in related fields to be arranged in conference with the professor in charge.

A comprehensive examination in two parts: three hours on the History of Philosophy and three hours on one optional field selected from Topics in Philosophy since 1800, or Religious Thought, or Psychology.

1a. Elementary Psychology.—Tu. Th. S. 9:30, first half-year. MR. HEPP.

A survey of the present status of scientific knowledge concerning the psychological processes and activities of man, together with a consideration of how such knowledge is obtained and how it may be applied.

2b. Advanced Psychology.—Tu. Th. S. 9:30, second half-year. MR. STEERE.

A study of the nature and functioning of personality by an examination of personality in difficulties. Both the forms of abnormal behavior and the modern theories of psychotherapy will be studied. Lectures, class reports, and occasional trips to clinics. Elective for twelve Juniors and Seniors and only by consent of instructor. Prerequisite, *Philosophy 1a*.

This course is designed for advanced students only.

4b. Introduction to Philosophy.—Tu. Th. S. 8:30, second half-year. MR. HEPP.

An understanding of the nature and function of philosophy and of its relations to other fundamental human interests such as science, religion, and art is sought through a consideration of representative philosophical problems.

[To be offered at same hour first half-year in 1942-43.]

5. History of Philosophy.—M. W. F. 10:30, MR. STEERE and MR. HEPP.

A study of the development of philosophy with special reference to Plato, Aristotle, Descartes, Locke, Berkeley, Hume, Spinoza, Leibnitz, Kant, and Hegel, first-hand acquaintance with selected writings of these philosophers, reports, lectures, and class discussions. *Philosophy 4b* is recommended but not required.

7a. Ethics.—Tu. Th. 2:00-3:30, first half-year. MR. STEERE.

The course will study (1) conflicts of ethical values involved in contemporary life; (2) certain classical ethical devices for resolving those conflicts; (3) the role of the individual and of the group in the realization of ethical values. Case material drawn from contemporary situations and from literature will be widely used. Discussions, lectures and papers.

9a. Classics of Religious Literature.—M. W. F. 8:30, first half-year. MR. STEERE.

A study which will include such books as Augustine, *Confessions*; Bernard of Clairvaux, *On Consideration*; Meister Eckhart, *Sermons*; *Little Flowers* of St. Francis of Assisi; Thomas à Kempis, *Imitation of Christ*; *Theologica Germanica*; Theresa of Avila, *Autobiography*; Frances de Sales, *Introduction to the Devout Life*; Lancelot Andrewes, *Præces Privatae*; Pascal, *Thoughts*; Isaac Penington, *Letters*; John Wesley, *Journal*; John Henry Newman, *Apologia*; George Tyrrell, *Autobiography*.

[Not offered in 1941-42; to be offered in 1942-43.]

10b. Nineteenth-Century Thinkers.—Hours to be arranged, second half-year. MR. STEERE.

Selected writings of Schopenhauer, Nietzsche, Tolstoy, and Bergson. Open only to Juniors and Seniors, except by permission of instructor.

11a. Logic.—M. W. F. 11:30, first half-year. MR. HEPP.

The principles of valid inference and their application to reasoning in every-day life and in the sciences; the syllogism and other types of formal reasoning, the nature of proof, the detection of fallacies; introduction to the logic of scientific method and to contemporary developments in symbolic logic.

[Offered in 1941-42; not to be offered in 1942-43.]

12b. Philosophy of Science.—M. W. F. 11:30, second semester. MR. HEPP.

The nature of scientific knowledge, the logical methods of science, the structure of scientific systems, and an analysis of such basic concepts as induction, causation, probability, measurement, explanation, prediction and verification.

15a. History and Philosophy of Quakerism.—M. W. F. 9:30, first half-year. MR. W. W. COMFORT.

The Quaker Movement is studied in its relation to other intellectual and religious movements of its time, particularly those found in English philosophy. The development of the dominant Quaker conceptions is traced to the present day and critically examined. The course is designed for non-Friends as well as for Friends. Not open to Freshmen.

[Offered in 1941-42; not to be offered in 1942-43.]

17a, 18b. The Development of Political Thought.—M. 8-10 P.M., W. 11:30, MR. MORLEY, MR. STEERE, MR. GERIG, and others. See *Government 17a, 18b*.

21. Philosophical Seminar.—Hours to be arranged. MR. STEERE and MR. HEPP.

Specialized work in some restricted field of philosophic or religious thought is undertaken, the precise subject depending upon the needs of the students and the general interests of the group. Primarily designed for seniors majoring in philosophy and for graduates.

PHYSICAL EDUCATION

The college equipment for outdoor athletics includes: Walton Field for football and track and field sports, with a concrete and wood grandstand and 440-yard oval and 220-yard, six-lane straightaway cinder tracks; the Class of 1888 and Merion Fields for Association (soccer) football, both of which are used for baseball in the spring; a skating pond; Cope Field for cricket, with players' pavilion; an athletic field, presented by the Class of 1916; a baseball field, presented by the Class of 1922 and used also for soccer in the fall; and twelve tennis courts, five of which were presented by the Class of 1923.

The Gymnasium contains a main floor, sixty by ninety feet, used for basketball and intramural sports. It has a banked running track, five feet in width. Adjoining the main floor are offices for the instructors, the administration of physical examinations, and for special student conferences. Adjoining the main hall is a large and comfortable reading room and apartments for the use of the College athletic coaches and alumni. The basement contains dressing rooms, a number of well ventilated lockers, shower baths, a pool, a wrestling room and storage room for athletic equipment. There is a special dressing room provided for visiting athletic teams. Through the courtesy of the Merion Cricket Club and the Merion Golf Club, facilities for squash and golf are available.

A thorough physical examination with a series of efficiency tests is given to each student upon entrance, and another at the end of Sophomore year. A Tuberculin Test is given to all Freshmen, followed by an X-ray if necessary, as part of this required examination. No student whose physical condition is unsatisfactory will be permitted to represent the College on any athletic team.

Course 1 is required of Freshmen; Course 2, of Sophomores; Course 3, of Juniors.

These courses are arranged in accordance with the plan for all-year physical training during Freshman and Sophomore years, and part-year physical training during Junior year. For *Physical Education 1 and 2*—a half course credit will be given. For *Physical Education 3*—a pass or failure will be shown.

Work on varsity and junior varsity squads may be substituted for regular Physical Education requirements.

1. Physical Education.—Three hours. MR. RANDALL, MR. HADDLETON, MR. EVANS, MR. DOCHERTY, and others.

A course of elementary instruction in athletic games, including football, soccer, basketball, tennis, golf, track, volley ball, handball, badminton; partly elective. Special corrective exercises during the 2nd and 3rd quarters.

2. Physical Education.—Three hours. MR. RANDALL, MR. HADDLETON, MR. EVANS, MR. DOCHERTY, and others.

A course of advanced instruction in athletic games with emphasis on intramural sports.

3. Physical Education.—Three hours. MR. RANDALL, MR. HADDLETON, MR. EVANS, MR. DOCHERTY, and others.

A course almost entirely elective, involving participation in some organized and supervised athletic activity during two of the three athletic seasons of the college year.

PHYSICS

The introductory courses are *Physics 1* and *2*. The first of these covers elementary Physics a little more thoroughly than a secondary school course, but the laboratory work is designed especially for those who do not expect to specialize in physics. *Physics 2* is the basic course for further work in physics, chemistry, or engineering. It covers the work required in physics for admission to many medical schools.

Students intending to specialize in physics, chemistry, or medicine should also elect *Physics 3*.

Major Requirements

Physics 2, 13 and one and one-half or two full-year courses from Physics 3, 7a, 8b, 9a, 10b, 11a, 12b.

History of Physics.

Mathematics 2, and one or one and one-half courses from Chemistry 1 or 2, Engineering 13a, 14b, 23a, 24b, Astronomy 1a, 3a, 4b, or additional mathematics.

A comprehensive examination based upon above-mentioned courses.

1. Introductory Physics.—M. W. F. 9:30; laboratory W. 1:05–3:30. MR. ELLSWORTH.

An elementary course designed for students who have had no previous study of physics, especially for those who may have no intention of specializing in science. Its purpose is to acquaint students with the principles underlying common physical phenomena and to illustrate, by lecture table experiments, solution of problems and simple laboratory experiments, how these principles apply to matters of everyday experience. This is a much less exacting course than *Physics 2*. It meets at the same hours so that students from either course may be shifted into the other to meet individual needs and capabilities. Text: Blackwood, *Introductory College Physics*. A fee of \$7.50 per semester is charged.

2. General Physics.—Lectures, M. W. F. 9:30; laboratory, Tu., W. or Th. 1:05–3:30. MR. PALMER and MR. LAUGHLIN.

Mechanics, heat, sound, magnetism, electricity, and light are studied with the help of problems and lecture demonstrations. A feature of this course is the laboratory work, the chief aim of which is accuracy of observation and measurement. Text: Saunders, *A Survey of Physics*. Prerequisites, *Trigonometry*, and *Entrance Physics* or *Physics 1*. A fee of \$7.50 per semester is charged.

3. Ions, Electrons, Radiations, and Atomic Structure.—Tu. Th. 9:30. MR. PALMER.

A large amount of reading supplementary to the lectures is required in the library of reference books. Experiments are performed by the class as a whole upon such subjects as: atomic and molecular dimensions, weight, and numbers; magnitude of charge and ratio E/M for electrolytic ions; e/m for cathode rays; properties of gaseous ions; measurement of the electronic charge e by Millikan's oil-drop method; current and space charge in an electron tube; photo-electric effect; radiation and ionization potentials; X-ray spectra; rate of decay of thorium emanation, and of the active deposit from radon; counting the alpha particles from a specimen of polonium. Prerequisite, *Physics 2*. A fee of \$7.50 per semester is charged.

7a. Electricity and Magnetism.—Tu. Th. 10:30; laboratory, Tu. 1:05–3:30, first half-year. MR. SUTTON.

Lectures and laboratory experiments in precision electrical measurements. This course treats such topics as Kirchhoff's laws, Gauss's theorem, magnetic circuits, potential, capacity, inductance, alternating current, and the laws of the electromagnetic field. Textbook: Page and Adams, *Principles of Electricity*. Prerequisites, *Physics 2* and *Mathematics 2*. A fee of \$7.50 per semester is charged.

[Not offered in 1941–42; to be offered in 1942–43.]

8b. Intermediate Radio Communication.—Tu. Th. 10:30; laboratory Tu. 1:05–3:30, second half-year. MR. ELLSWORTH.

Lecture and laboratory course in high frequency transmission and reception. Textbook: Terman, *Radio Engineering*. Prerequisites, *Physics 2* and *Mathematics 2*, and preferably *Physics 7a*. A fee of \$7.50 per semester is charged.

9a. Introduction to Mathematical Physics.—M. W. F. 10:30, first half-year. MR. ELLSWORTH.

Lectures and problems in the underlying principles of mechanics, wave motion, and theory of electric fields, applying the methods of calculus and developing the use of vectors. Textbook: Page, *Introduction to Theoretical Physics*. Prerequisites, *Physics 2* and *Mathematics 2*. No fee.

10b. Radiation and Quantum Theory.—M. W. F. 10:30, second half-year. MR. ELLSWORTH.

Lectures on topics relating to the laws of radiation. Historical development of the quantum theory and its applications to spectroscopy and atomic structure. Textbook: Richtmyer, *Introduction to Modern Physics*, together with readings from current literature. Prerequisite, *Physics 9a* or the prerequisites of *Physics 9a*. No fee.

11a. Physical Optics.—Tu. Th. 10:30; Laboratory Tu. 1:05–3:30, first half-year. MR. ELLSWORTH.

Lectures and advanced laboratory work in diffraction, dispersion, interference, polarization, and other optical phenomena, extending the treatment given to light in *Physics 2*. Two lectures and one laboratory period a week, first half-year.

[Offered in 1941–42; not to be offered in 1942–43.]

A fee of \$7.50 per semester is charged.

12b. Sound.—Tu. Th. S. 10:30, second half-year. MR. SUTTON.

A course of lectures, readings and class experiments designed to familiarize the student with recent developments in acoustics. Study is given to the fundamentals of sound wave propagation, modern electrical and mechanical acoustic systems, architectural acoustics, supersonics, speech and hearing, and the analysis of musical sound. Prerequisite, *Physics 2*. A fee of \$7.50 per semester is charged. [Not offered in 1941-42; to be offered in 1942-43.]

13. Physics Seminar.—Hours to be arranged. MR. PALMER and MR. ELLSWORTH.

Advanced students in physics are encouraged to do individual work in special fields of investigation. Each student devotes the time equivalent to a full course in pursuing comprehensive reading and experimental work on some particular topic. Weekly meetings are held with the members of the department to discuss the progress in each field of investigation, so that each student becomes familiar with problems other than his own. In this course, the accomplishment of scholarly work of a nature preliminary to research work is the basis for awarding credit toward a degree. A fee of \$10.00 per semester is charged.

SOCIOLOGY

The courses in Sociology are designed to prepare students for citizenship in a democracy. Most, if not all, our problems are at bottom traceable to faulty relationships between people and between groups of people. Hence Sociology as the "Science of human relations" aims to throw light on the relationship of the individual to the group; of group to group; and of group to community.

Sociology, furthermore, analyzes problems of social maladjustment, such as crime, poverty, and the breakdown of family life, which call for intelligent social action if community life is to be the matrix from which good citizenship is born.

Major Requirements

Six half-year courses in Sociology.

Six other half-year courses or their equivalent, chosen from the following: Biology 7, Philosophy 1a, Philosophy 2b, Government 1, Government 3, Economics 1 and Mathematics 13a, in consultation with the major supervisor.

Additional selected readings covering a special field in Sociology.

A four-hour comprehensive examination covering the field of Sociology and related courses.

A three-hour examination, written or oral or both, covering a special field in Sociology chosen by the student.

For graduate students majoring in Sociology, Mathematics 13a (Introduction to Statistics) and Mathematics 14b (Advanced Statistics) may be counted as courses in Sociology.

1a. An Introduction to Sociology.—First half-year. MR. WATSON.

Section 1—M. W. F. 9:30.

Section 2—M. W. F. 11:30.

This course is an introduction to the scientific study of society. Its purpose is to study (1) those social forces and social processes whereby original nature is transformed into human nature, and (2) a description of the social organization man has evolved and the interaction between it and himself.

2b. Social Problems.—M. W. F. 11:30, second half-year. MR. WATSON.

A study of (1) the failure of society to provide sound heredity and equal opportunities for all, resulting in such major social problems as poverty, mental disease, neglect of child life, delinquency, and crime; (2) society's resources for solving the foregoing problems; and (3) the methods for dealing adequately with the victims of social maladjustment and the prevention of additional social failures. Prerequisite, *Sociology 1a*.

5a. Industry and Society.—Tu. Th. S. 9:30, first half-year. MR. WATSON.

A sociological appraisal of modern industrialism. The course includes a detailed study of certain social problems, such as wages, hours of labor, unemployment, and other forms of economic insecurity, to discover, if possible, any causal connection between them and industry as such. The wider implications of the Machine Age are examined, together with proposed remedies for its alleged evils. Prerequisite, *Economics 1*.

Also called *Economics 5a*.

6b. Human Relations in Industry.—Tu. Th. S. 9:30, second half-year. MR. PANCOAST.

A study of business organization and the philosophy of management, with special reference to the fields of personnel administration and industrial relations. The course surveys scientific management since Taylor and includes an analysis of the nature, objects, and technique of labor management, employe representation, and plans of union-management coöperation. Prerequisite, *Sociology 5a*.

Also called *Economics 6b*.

7a. Advanced Sociology.—M. W. F. 2:30, first half-year. MR. WATSON.

A seminar in scientific social surveys and research. Open to Seniors majoring in Sociology or graduate students whose major work is in Sociology and, by permission of the instructor, to a few others especially well qualified. Prerequisites, *Sociology 1a* and *2b*. Apply in advance.

8b. Problems of the Modern Family.—M. 7:30–9:20 P.M., W. 2:30, second half-year. MR. WATSON.

A seminar course on problems of the modern family and education for parenthood. A discussion of relationships of husband-wife; parent-child; and family-community. The emphasis throughout is on factors making for normal family life and successful adjustment thereto. Restricted to a limited number of upper classmen or graduate students. Apply in advance. Prerequisite, *Sociology 1a*.

SPANISH

For an understanding of the literary and cultural background of Spain and Hispanic America, there is offered a wide range of courses in the Spanish language and literature. Additional opportunities are afforded for the study of the spoken language through the presence of Mr. and Mrs. Asensio as directors of the Language House.

Major Requirements

Spanish 3, 5a, 6b, 7.

Three additional courses to be arranged.

A three hour examination on each of the topics: (1) The literature of the Golden Age; (2) The Nineteenth Century; (3) The Modernista movement in Spain and Latin America. Candidates for Final Honors will in addition take a two hour oral examination.

1. Elementary Spanish.—Section 1: M. W. F. 8:30; Section 2: M. W. F. 1:30. MR. BLANC-ROOS.

Grammar, composition, and reading. Emphasis is on the ability to think in Spanish, and on the acquisition of a creative ability for fluent speaking and writing.

3. Spanish Literature.—M. W. F. 10:30. MR. BLANC-ROOS.

Reading of Spanish and Hispano-American novels of the 19th and 20th centuries. The theory of Spanish versification with illustrations from modern poets. Lectures and outside reading on the cultural and social development of the Hispano-American republics and on the interrelationship of Europe and Latin America.

5a. Literature of the Golden Age.—Hours to be arranged, first half-year. MR. BLANC-ROOS.

Lecture course, the content of which varies from year to year. For 1942-43: Cervantes and Quevedo. Also selected reading from the anonymous *Amadís de Gaula* as giving point to one of the aspects of the *Don Quijote*.

[Not offered in 1941-42; to be offered in 1942-43.]

6b. Spanish and Hispano-American Literature of the Twentieth Century.—Hours to be arranged, second half-year. MR. BLANC-ROOS.

Lecture course, the content of which varies from year to year. For 1942-43: Brief preliminary survey of the Romantic period. The movement of '98. Rubén Darfo, Manuel and Antonio Machado, Jiménez, García Lorca, Rafael Alberti. Argentine epic poetry: *Martin Fierro*, *Santos Vega*. The novel in Hispano-America: Güiraldes, *Don Segundo Sombra*; Rivera, *La vorágine*; Azuela, *Los de abajo*.

[Not offered in 1941-42; to be offered in 1942-43.]

7. Special Topics in Sixteenth and Seventeenth Literature.—Hours to be arranged. MR. BLANC-ROOS and MR. ASENSIO.

Topics for 1942-43; The *Romancero*. The picaresque novel: *Lazarillo de Tormes*, *Vida de Guzmán de Alfarache*, *El Buscón*. The drama: Lope de Vega and Calderón.

[Not offered in 1941-42; to be offered in 1942-43.]



DEGREES, PRIZES, AND HONORS GRANTED IN 1940-1941

DEGREES

The following degrees were conferred on Commencement Day,
June 7, 1941.

DOCTOR OF LAWS

HERBERT HOOVER

MASTERS OF ARTS

HARLEY, ROBERT BRUCE (A.B., William Penn College, 1940)
Thesis: Spanish Indian Policy, 1492-1574

JOHNSTON, LESLIE (A.B., University of Durham, 1936)
Thesis: Canada and the Western Hemisphere

LEE, SHIU-KEUNG (A.B., Lingnan University, 1932)
Thesis: American Missionaries in China (1900-1930)
A Study in Cultural Contacts.

POUSH, ROBERT RAYMOND (A.B., William Penn College, 1939)
Thesis: Thaddeus Stevens and Slavery, 1835-1865

SIELOFF, ROBERT VERNON (A.B., Pacific College, 1940)
Thesis: A Study of Anti-Semitism in the United States

MASTERS OF SCIENCE

ATTEBERRY, ROBERT WILLIAM (B.S., Beloit College, 1940)
Thesis: The Use of Fluorescent Indicators in Chloride and Sulfate Determinations

KOLB, HARRY JOHN (B.S., Hamilton College, 1940)
Thesis: Solubility Studies of Sodium Halides in Absolute Methanol

BACHELORS OF ARTS

DAVID BARRETT ARNOLD
ROBERT PALMER ARTHUR
EUGENE EVANS BOTELHO
DAVID THOMAS CHESTNUT
HERBERT LEE CLEMENT
ROBERT WHITESIDE EVANS, JR.
GERRITT LOOS EWING
LOUIS JUDAH FINGER
JOHN DAVID GARMY
EDWIN DEHAVEN GROSHOLZ
JOHN CHADWICK HAWLEY
ROBERT EMANUEL HECHT, JR.
JOHN BARR HIBBARD

ROGER BETTS KENT
THOMAS LITTLE
WILLIAM KELLER MILLER
ARTHUR HOWELL NAPIER, JR.
WILLIAM FREEMAN NEWHALL
SAMUEL MOON SNIPES
LEON SOLIS-COHEN, JR.
WILLIAM WHITFIELD STANTON
G. RALPH STROHL, JR.
GEORGE MYRON SWAN, JR.
JOHN BRUCE SWIGERT
WILLIAM ELKANAH VELTE
ROY SCHOPPAUL VOGT

KENNETH ALDRO WRIGHT

BACHELORS OF SCIENCE

FRANCIS ERDMAN ADLER	BENTON DAVIS KING
EDWARD PAGE ALLINSON, JR.	WILLIAM ANDREW LIDDELL, JR.
STEPHEN BOURNE ANDRUS	JAN WINSTON LONG
ARTHUR GARWOOD ASHBROOK, JR.	JAMES BAIRD LONGLEY
HAROLD RICHARD BLACKWELL	JOHN REID MCNEILL
HOWARD LOURIA BLUM	TUCKER FRAZER MORIAN
RICHARD HAWKS BOLSTER, II	MERRITT WAYNE MOSELEY
DANIEL B. BOYER, JR.	GEORGE L. MOSSE
ALBERT DELANO BRANSON	SAMUEL MILLARD MURPHY, JR.
JOHN ARTHUR BUTTRICK	J. PHILIP NEAL
TORRENCE HARRISON CHAMBERS	WILSON HUNT PILE
JOHN BURT CLARK	PAUL CHARLES ROWLAND
HENRY DENNIS CORNMAN	EDWARD RHEINARD SCHEFFER
HUNT DAVIS	WILFRID LEE SIMMONS
ROBERT BRUCE DICKSON	HENRY AUGUSTINE SMITH, JR.
JOHN WORTHINGTON DORSEY	MALCOLM KINMONTH SMITH, JR.
EDWARD LOUIS ENGELHARDT	ROBERT HENRY SMITH
CHRISTOPHER EVANS	HARRY HARLAN STUART
ROBERT NASH EVERT	LANSING PRAY WAGNER
ROBERT COOK FOLWELL, III	WILLIAM ROBERTSON WATSON, JR.
PHILIP COLLINS GIFFORD, JR.	JOHN LONGANECKER WEBB, JR.
GEOFFREY HEMPHILL	KENNETH WILLIAM WEYERBACHER
HENRY KELMAN HOLMES	JAMES MOORE WILLIS
ANDREW FRANKLIN INGLIS	ROBERT GAREY WINSLOW
	HOWARD EDWARD ZIEGLER, JR.

KENNETH ADAMS PRESCOTT
as of the class of 1940

CLEMENTINE COPE FELLOWSHIP FOR 1941-42

EDWARD LOUIS ENGELHARDT, 1941

CORPORATION SCHOLARSHIPS FOR 1941-42

Class of 1942

JAMES NEAL ADDOMS	LEWIS PAUL SAXER
W. DEWITT ANDERSON	PAUL RADELL O'CONNOR

Class of 1943

HOLLAND HUNTER	JAMES S. SUTTERLIN
EDWARD ARNOLD GAENSLER	KENDON POTTER STEINS

Class of 1944

ROBERT BRIGGS DAY	DONALD HESTON BAIRD
ELLSWORTH CHAPMAN ALVORD, JR.	JOHN ARTHUR FRANTZ

Class of 1945

RICHARD WALLACE COLE	JAMES RENFEW JOHNSTON, JR.
JOSEPH HARRY CUNNINGHAM	EDWARD HAVEN HANDY, JR.

PRIZES

The Alumni Oratorical Prizes (\$25 each) for Seniors and Juniors:

DANIEL B. BOYER, 1941	LEON SOLIS-COHEN, JR., 1941
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*The Everett Society Medal for Extemporaneous Speaking
by Sophomores and Freshmen:*

HASKELL TORRENCE, 1943

Everett Society Trophies for Extemporaneous Speaking by Sophomores and Freshmen to the members of the winning team:

HOWARD T. B. LUTZ, 1943

HASKELL TORRENCE, 1943

ALBERT E. TURNER, 3D, 1943

The Class of 1896 Prizes (\$20 in books) in Latin and in Mathematics for Sophomores:

Latin (\$10)—EUGENE E. ANDERSON, JR., 1943

Mathematics (\$10)—STUART L. RIDGWAY, 1943

The Lyman Beecher Hall Prize in Chemistry (\$100 from endowment by the Class of 1898):

EDWARD LOUIS ENGELHARDT, 1941

The Class of 1902 Prize in Latin (\$10 in books) for Freshmen:

ROBERT BRIGGS DAY, 1944

The Mathematics Department Prizes (\$25 for Freshmen) awarded in competition by examination:

First Prize (\$15)—ROBERT BRIGGS DAY, 1944

Second Prize (\$10)—ELLSWORTH CHAPMAN ALVORD, JR., 1944

The Philosophy Reading Prizes (\$65 in books) for Seniors and Juniors:

First Prize (\$40)—HENRY WEBB JOHNSTONE, JR., 1942

Second Prize (\$25)—WOLFGANG FRANZEN, 1942

The Reading Prizes in Biblical Literature (\$65 in books):

First Prize (\$40)—BURNS BRODHEAD, 1942

Second Prize (\$25)—NOT AWARDED

The Scholarship Improvement Prizes (\$95) for the two Seniors who have shown the most steady and marked improvement in scholarship:

First Prize (\$50)—MALCOLM KINMONTH SMITH, JR.

Second Prize (\$45)—HOWARD EDWARD ZIEGLER, JR.

The Founders Club Prize (\$25) for the Freshman who has shown the best attitude toward college activities and scholastic work:

ELLSWORTH CHAPMAN ALVORD, JR., 1944

The George Peirce Memorial Prize in Chemistry or Mathematics (\$50) offered exclusively for students who expect to engage in research:

LEWIS PAUL SAXER, 1942

The Logan Pearsall Smith Prize (\$50 in books) for that member of the Senior Class who, in the opinion of the Committee on Prizes, has the best personal library:

ROBERT PALMER ARTHUR, 1941

The Newton Prize (\$40) on the basis of Final Honors in English:

JOHN DAVID GARMEY, 1941

The William Ellis Scull Prize (\$50) awarded annually to the upper classman showing the greatest achievement in voice and the articulation of the English Language:

WILFIRD LEE SIMMONS, 1941

The Class of 1910 Poetry Prizes

Two prizes of \$15 and \$10 respectively for the best verse written by a Haverford undergraduate during the year:

First Prize—TRISTRAM P. COFFIN, 1943

Second Prize—R. BAYLY WINDER, IV, 1943

The Varsity Cup
Awarded annually for Leadership, Sportsmanship and Athletic Ability:
 SAMUEL MOON SNIPES, 1941

HONOR SOCIETIES

The following members of the Class of 1941 were elected to the
 Phi Beta Kappa Society

At the end of the Junior Year

ROBERT BRUCE DICKSON

EDWARD LOUIS ENGELHARDT

At the end of the Senior Year

JOHN C. HAWLEY

LEON SOLIS-COHEN, JR.

HUNT DAVIS

ARTHUR G. ASHBROOK, JR.

JOHN D. GARMEY

ANDREW F. INGLIS

ROY S. VOGT

ROBERT N. EVERT

WILLIAM E. VELTE

WILLIAM K. MILLER

The following members of the Junior Class were elected to the
 Phi Beta Kappa Society

JAMES NEAL ADDOMS

LEWIS PAUL SAXER

PAUL RADELL O'CONNOR

COURTS OULAHAN

The following Seniors were elected to the Founders Club; an organiza-
 tion based on merit in both studies and college activities:

During the Junior Year

ROY SCHOPPAUL VOGT

WILLIAM ANDREW LIDDELL, JR.

JOHN DAVID GARMEY

WILFRED LEE SIMMONS

During the Senior Year

DAVID BARRETT ARNOLD

ANDREW FRANKLIN INGLIS

ARTHUR GARWOOD ASHBROOK, JR.

MERRITT WAYNE MOSELEY

ALBERT DELANO BRANSON

ROBERT HENRY SMITH

GEOFFREY HEMPHILL

LEON SOLIS-COHEN, JR.

G. RALPH STROHL, JR.

The following Juniors were elected to the Founders Club

JAMES NEAL ADDOMS

ROBERT EVERTS MILLER, JR.

RICHARD DEMME BAUER

COURTS OULAHAN

KENNETH STOKES ROBERTS

HONORS

FINAL HONORS

Including Honors, High Honors, and Highest Honors awarded upon graduation, and by vote of the Faculty on recommendation of a department or group of related departments. Awarded only to students whose work has been more profound in a given field, or more extensive in scope, than the minimum required, and who have fulfilled all the requirements for Final Honors in their respective Major Departments.

Highest Honors

EDWARD LOUIS ENGELHARDT, 1941	Chemistry
JOHN CHADWICK HAWLEY, 1941	French
ROY SCHOPPAUL VOGT, 1941	History

High Honors

HUNT DAVIS, 1941.....	Engineering
ROBERT BRUCE DICKSON, 1941.....	Mathematics
JOHN DAVID GARMY, 1941.....	English
LEON SOLIS-COHEN, 1941.....	Government
WILLIAM WHITFIELD STANTON, 1941.....	Government
WILLIAM ELKANAH VELTE, 1941.....	German

Honors

ROBERT PALMER ARTHUR, 1941.....	German
HOWARD LOURIA BLUM, 1941.....	Chemistry
ALBERT DELANO BRANSON, 1941.....	Economics
TORRENCE HARRISON CHAMBERS, 1941.....	Engineering
HENRY DENNIS CORNMAN, 1941.....	Chemistry
CHRISTOPHER EVANS, 1941.....	Biology
ROBERT NASH EVERT, 1941.....	Chemistry
ROBERT COOK FOLWELL, 1941.....	Biology
ROBERT EMANUEL HECHT, JR., 1941.....	Latin
WILLIAM ANDREW LIDDELL, JR., 1941.....	History
JAN WINSTON LONG, 1941.....	Biology
JOHN REID MCNEILL, 1941.....	Chemistry
WILLIAM KELLER MILLER, 1941.....	Economics
GEORGE L. MOSSE, 1941.....	History
SAMUEL MILLARD MURPHY, JR., 1941.....	Chemistry
JOHN BRUCE SWIGERT, 1941.....	Economics
HOWARD EDWARD ZIEGLER, JR., 1941.....	History

SOPHOMORE HONORS

In Departments

Representing a minimum of 150 hours of Honors work in addition to that required for two or more scheduled courses of the Department, plus grades of 90, or better, for the present year in the Department indicated.

MARVIN L. BROWN, JR., 1943.....	German
EDWARD A. GAENSLER, 1943.....	Chemistry, Mathematics
STUART L. RIDGWAY, 1943.....	Mathematics
R. BAYLY WINDER, IV, 1943.....	English

HONORABLE MENTION

In Single Courses in the Freshman or Sophomore Year

Representing a minimum of 75 hours of Honors work in addition to that required for the course named, plus a grade of 85 or better, in the same course.

CHARLES SEYMOUR ALDEN, 1944.....	French 2
DONALD HESTON BAIRD, 1944.....	Chemistry 2
MARVIN L. BROWN, JR., 1943.....	History 2
DANIEL ELAIS DAVIS, JR., 1944.....	History 1
ROBERT BRIGGS DAY, 1944.....	Chemistry 1, Latin 2, Mathematics 1
GEORGE VALENTINE DOWNING, JR., 1944.....	Mathematics 1
JOHN ARTHUR FRANTZ, 1944.....	Chemistry 2, Mathematics 1
EDGAR DAUPHIN FREE, 1944.....	French 2
WILLIAM LEONARD HEDGES, 1944.....	History 1
WARREN MOORE, JR., 1944.....	Mathematics 1
ARNOLD RAE POST, 1944.....	French 2
JOHN W. SEVRINGHAUS, 1943.....	Physics 2
SETH T. SHEPARD, 1943.....	Government 2
KENEDON P. STEINS, 1943.....	French 1
JAMES S. SUTTERLIN, 1943.....	French 2
RICHARD WALKER WATKINS, 1944.....	German 1

DIRECTORY

STUDENTS IN THE COLLEGE

In the last column is given the number of the student's dormitory room: Bn is an abbreviation for Barclay Hall, North; Bc for Barclay Hall, Center; Bs, for Barclay Hall, South; F for Founders Hall; G, for Graduate House; Lg.H., for Language House; Ld.H., for Lloyd Hall; M, for Merion Hall; U, for Haverford Union; D, for day student. The field of major concentration is indicated in parentheses.

GRADUATE STUDENTS

Name	Home Address	College Address
GIBB, THOMAS C. (A.B., Dickinson College, 1934).....(English)	518 W. Beechtree Lane, Wayne, Pa.	D
HERNDON, RICHARD MIDDLETON (B.A., Washington and Lee University, 1941).....(Government)	4 College Circle, Haverford, Pa.	G
HOLMES, WINFRED HENRY (B.S., William Penn College, 1940)..(Chemistry)	Clemons, Iowa	G
LADD, GEORGE A. (A.B., Dartmouth College, 1941).. 29 Ledge Road, Burlington, Vermont (Living at Pendle Hill, 1941-42)	(Sociology)	
LAUGHLIN, J. S. (A.B., Willamette University, 1940)....(Physics)	1705 Court Street, Salem, Oregon	G
LAUGHLIN, WILLIAM SCEVA (A.B., Willamette University, 1941)(Sociology)	1705 Court Street, Salem, Oregon	G
MILLS, THEODORE MASON (A.B., Guilford College, 1941).....(Sociology)	506 C. Street, Lenoir City, Tenn.	G
NEWHALL, WILLIAM FREEMAN (A.B., Haverford College, 1941)(Chemistry)	36 Tenmore Road, Haverford, Pa.	D
RUOF, CLARENCE H. (A.B., Gettysburg College, 1941).....(Chemistry)	Poplar Avenue, Hummelstown, Pa.	G
START, LESTER J. (A.B., Hamilton College, 1941).....(Philosophy)	Remsen, New York (Living at Pendle Hill, 1941-42)	
WATSON, GEORGE SMITH (B.S., Yale University, 1940).....(Chemistry)	700 Ardsley Road, Winnetka, Ill.	G

SENIOR CLASS—1942

Name	Home Address	College Address
ABBOTT, CHARLES CONRAD.....	(Biology) R.D. 2. Bristol, Pa.	23 Bs
ADDOMS, JAMES NEAL.....	(Chemistry) 864 Park Place, Brooklyn, N. Y.	14 Ld.H.
ALDRIDGE, GEORGE LEWIS.....	(Economics) 401 Stiles Avenue, Maple Shade, N. J.	120 M
ANDERSON, WARREN DEWITT.....	(Latin) 537 45th Street, Brooklyn, N. Y.	6 Lg.H.
BAUER, RICHARD DEMME.....	(German) Alden Park Manor, Philadelphia, Pa.	11 M
BEDROSSIAN, E. HOWARD.....	(Chemistry) 4501 State Road, Drexel Hill, Pa.	29 Ld.H.
BELL, EDGAR DAWSON, JR.....	(Government) Clearvue Road, Ingomar, Pa.	34 Ld.H.
BRODHEAD, BURNS.....	(Biblical Literature) 621 Rising Sun Avenue, Philadelphia, Pa.	37 Bc
BROUS, NORMAN SCATTERGOOD.....	(Mathematics) 107 Russell Street, Ridley Park, Pa.	D
BROWN, KNOX.....	(Government) 404 S. Linden Avenue, Pittsburgh, Pa.	38 Ld.H.
BROWN, RICHARD WILLITS.....	(Chemistry) Downingtown, Pa.	31 Ld.H.
BURFORD, NOBLE ALBERT, JR.....	(Sociology) 42 Hill Road, Louisville, Ky.	33 Ld.H.
BYE, JOHN E.....	(Biology) State Teachers College, Upper Montclair, N. J.	D
CADBURY, THOMAS LLOYD.....	(Biology) 12 High Street, Moorestown, N. J.	5 M
CHILDS, ELEAZER EDWARDS.....	(Chemistry) 8 Brattle Road, Syracuse, N. Y.	33 Ld.H.
CLARK, JOHN ARTHUR.....	(History) 250 N. Mountain Avenue, Montclair, N. J.	43 Bc
COCHRAN, THOMAS CUNNINGHAM, JR.....	(Economics) 206 S. Pitt Street, Mercer, Pa.	34 Ld.H.
DORIAN, ALAN LLOYD.....	(Biology) 2801 McKinley Place, N.W., Washington, D. C.	26 Ld.H.
DUNHAM, ROBERT WILMER.....	(Engineering) 6863 N. 19th Street, Philadelphia, Pa.	44 Bc
DYE, ROY AUGUSTUS, JR.....	(History) 111 Milton Street, Aliquippa, Pa.	44 Bc
ELLIOTT, JOHN YOUNG.....	(English) Alderson—Broadus College, Philippi, W. Va.	37 Bc
EMERY, DAVID AMOS.....	(Philosophy) 919 Creston Avenue, Des Moines, Iowa	36 Ld.H.
EMERY, EDGAR R.....	(English) 623 Swede Street, Norristown, Pa.	31 F.East
EVANS, ARTHUR.....	(Chemistry) Awbury, Germantown, Philadelphia, Pa.	23 Ld.H.
FALCONER, WALTER CROSS.....	(History) 170 Pine Street, East Aurora, N. Y.	120 M
FLACCUS, EDWARD.....	(Biology) 109 Bryn Mawr Avenue, Lansdowne, Pa.	15 Ld.H.
FOREMAN, KENNETH JOSEPH, JR.....	(English) Davidson, N. C.	13 Lg.H.
FRANZEN, WOLFGANG.....	(Physics) 23 Theresa Place, Staten Island, N. Y.	1 F
FUST, JOHN ABERCROMBIE.....	(Chemistry) 231 W. 7th Street, Erie, Pa.	8 M
GARY, JAMES FREDRICK.....	(Chemistry) 300 Yale Avenue, Swarthmore, Pa.	6 M

Name	Home Address	College Address
GREER, CLIFFORD KIRK.....	(Biblical Literature) 415 W. Durham Road, Philadelphia, Pa.	D
GRIER, LOUIS NORMAN, JR.....	(History) 6931 Church Avenue, Ben Avon, Pittsburgh, Pa.	23 Ld.H.
GUENTHER, JACOB JARDEN, JR.....	(English) 510 Chester Road, Swarthmore, Pa.	7 Lg.H.
HAMBIDGE, GOVE, JR.....	(Biology) 64 St. Paul Street, Kensington, Md.	11 F
HARPER, HEBER REECE, II.....	(History) 223 Dalzell Avenue, Ben Avon, Pittsburgh, Pa.	17 Bs
HARRINGTON, EDWIN.....	(History) Sheaff Lane, Whitemarsh, Pa.	32 Ld.H.
HASTINGS, FRANK WILLARD.....	(Chemistry) 45 E. Church Road, Elkins Park, Pa.	14 F
HAWORTH, TIMOTHY PEYTON.....	(English) Brookside Road, Wallingford, Pa.	26 Ld.H.
HOWE, GORDON WALTER.....	(Chemistry) 7 Crandall Street, Adams, Mass.	15 Ld H.
HSU, TA CHUN.....	(Economics) c/o Chinese Embassy, Washington, D. C.	14 M
JOHNSTON, FRANK DALLAS, II.....	(English) 1432 Columbus Avenue, Pittsburgh, Pa.	29 Ld.H.
JOHNSTONE, HENRY WEBB, JR.....	(Philosophy) Delwick Lane, Short Hills, N. J.	38 Ld.H.
JONES, THOMAS CANBY.....	(History) Winding Lane, Media, Pa.	D
KAY, RICHARD.....	(Chemistry) 600 W. Olney Avenue, Philadelphia, Pa.	14 Ld.H.
KIRKPATRICK, MALCOLM SUYDAM.....	(Sociology) Forsgate Drive, Jamesburg, N. J.	31 Ld.H.
LAWRENCE, LINWOOD THEODORE, JR.....	(Chemistry) 210 W. Mt. Pleasant Avenue, Philadelphia, Pa.	43 Bc
MAGILL, JAMES PHINEAS, 2ND.....	(English) 117 Carpenter Lane, Mt. Airy, Philadelphia, Pa.	8 M
MCGANN, MALCOLM HOBART, JR.....	(History) 62 King Street, Reading, Mass.	12 Lg.H.
McLELLAN, PHILIP FLETCHER.....	(Sociology) Martin and Old Railroad Avenues, Bryn Mawr, Pa.	D
MELDRUM, WILLIAM BUELL, JR.....	(Chemistry) 737 College Avenue, Haverford, Pa.	D
MILLER, ROBERT EVERTS, JR.....	(History) 2033 Willemore Avenue, Springfield, Ill.	120 M
O'CONNOR, PAUL RADELL.....	(Chemistry) 2629 N. Maryland, Milwaukee, Wis.	25 Ld.H.
OLSON, CHARLES ALEXANDER, JR.....	(Sociology) 301 E. 21st Street, New York, N. Y.	120 M
OULAHAN, COURTS.....	(Government) 3212 Reservoir Road, Washington, D. C.	24 Ld.H.
POOLE, DAVID MANCHESTER.....	(Engineering) 8 De Bary Place, Summit, N. J.	25 Ld.H.
RHODIN, THOR NATHANIEL, JR.....	(Chemistry) 543 E. 9th Street, Brooklyn, N. Y.	44 Bc
ROBERTS, KENNETH STOKES.....	(Engineering) 201 Chestnut Street, Moorestown, N. J.	15 Ld.H.
SAXER, LEWIS PAUL.....	(Chemistry) 4631 Lancaster Avenue, Philadelphia, Pa.	D
SCHAEFFER, CHARLES DAVID.....	(Chemistry) 30 N. 8th Street, Allentown, Pa.	23 Bs
SENSENI, DAVID MARTIN.....	(Chemistry) 309 Bangor Road, Bala-Cynwyd, Pa.	D
SKERRETT, W. HENRY W., JR.....	(English) Wayne, Pa.	D

Name	Home Address	College Address
SPAULDING, DONALD CHAPMAN.....	(English) 121 E. Oak Avenue, Moorestown, N. J.	13 M
STARR, ROBERT WALTER, JR.....	(Biology) 124 Decatur Street, Cape May, N. J.	12 M
SWEETSER, FRANKLIN PRATT.....	(French) 1301 Wendover Ave., Rosemont, Pa.	7 Lg.H.
SZERLIP, EUGENE POOLE.....	(Biology) 43 Shepard Avenue, Newark, N. J.	30 Ld.H.
THOMPSON, DAVID CLARK.....	(Government) 51 Church Street, Bloomfield, N. J.	120 M
THOMSON, JOHN DARSIE.....	(Biblical Literature) 5850 Fifth Avenue, Pittsburgh, Pa.	30 Ld.H.
WARNER, GEORGE THOMAS.....	(Sociology) 4037 Michigan Avenue, Kansas City, Mo.	110 M
WEAVER, DANCY GRAY.....	(Chemistry) 238 Grove Street, Westfield, N. J.	12 M
WISE, JOHN HICE.....	(Chemistry) 21 S. 26th Street, Camp Hill, Pa.	17 M
WORRALL, WINFIELD SCOTT.....	(Chemistry) Newtown Square, Pa.	6 M

JUNIOR CLASS—1943

ADDOMS, JEREMY.....	(Government) 864 Park Place, Brooklyn, N. Y.	11 Ld.H.
ALLEN, JOHN MALONE.....	(Engineering) 2861 Lee Road, Shaker Hts., Ohio	30 F
ANDERSON, EUGENE EDWIN, JR.....	(Latin) Sharon, Pa.	30 Bc
BAKER, DOUGLAS HADEN.....	(Philosophy) 47 Woodland Ave., Summit, N. J.	13 F
BELL, ARTHUR HALLOCK.....	(Engineering) Milton, Ulster Co., N. Y.	31 Bc
BOWMAN, MURDOCK STEARNS.....	(Chemistry) 47 Alvarado Road, Berkeley, Calif.	32 Bc
BROWN, JARED SPENCER.....	(Chemistry) Mercersburg, Pa.	17 F
BROWN, MARVIN LUTHER, JR.....	(History) 478 Manheim Street, Philadelphia, Pa.	1 Bs
CADBURY, CHRISTOPHER JOEL.....	(Philosophy) 7 Buckingham Place, Cambridge, Mass.	16 Ld.H.
COFFIN, TRISTRAM POTTER.....	(English) Box 89, Edgewood Farm, Wakefield, R. I.	4 Ld.H.
COOLIDGE, DAVID ALLEN.....	(History) 1127 Kensington Road, Grosse Pointe Park, Mich.	7 Ld.H.
COPE, PAUL MARKLEY, JR.....	(Government) 151 S. Pennsylvania Avenue, Atlantic City, N. J.	30 Bc
DEWALD, JEFF.....	(Chemistry) 418 Central Park West, New York, N. Y.	D
ECKFELDT, THOMAS H., 3d.....	(Chemistry) 62 Bond Street, Fitchburg, Mass.	12 F
ENCK, JOHN JACOB.....	(English) 15 Front Street, Lititz, Pa.	1 Ld.H.
EVANS, JOSEPH MORRIS.....	(Economics) Awbury, Germantown, Philadelphia, Pa.	35 Ld.H.
FERRIS, SUMNER WRIGHT.....	(History) Governors Island, New York, N. Y.	35 Ld.H.
GAENSLE, EDWARD ARNOLD.....	(Chemistry)	D
GILBERT, J. BRYSON.....	(Chemistry) 6838 Woodland Avenue, Phila, Pa.	29 Bc

Name	Home Address	College Address
GRALA, WILLIAM LEON, JR.....	(Government) 101 N. Church Street, Hazelton, Pa.	5 Ld.H.
HALL, HARRY SCHELLMAN.....	(History) 119 N. Woodstock Street, Philadelphia, Pa.	D
HALLETT, DOUGLAS ROBERTS.....	(Economics) 324 Forest Avenue, Ben Avon, Pittsburgh, Pa.	29 Bc
HAMILL, JAMES.....	(History) 426 Waverly Street, Palo Alto, Cal.	D
HARRIS, WILLIAM MACY.....	(Physics) 32 Portsmouth Terrace, Rochester, N. Y.	19 Bs
HAUGHTON, ANSON BALDWIN.....	(Engineering) Radnor, Pa.	Dz
HERMAN, JOHN FRANKLIN, JR.....	(Economics) Gordonville, Pa.	13 Ld.H.
HILL, JOHN FITZ.....	(Engineering) 3415 Porter Street, N.W., Washington, D. C.	21 F
HOGNESS, JOHN RUSTEN.....	(Chemistry) 5758 Blackstone Avenue, Chicago, Ill.	13 Ld.H.
HOWE, BYRON EDWARD, JR.....	(Chemistry) 7 Crandall Street, Adams, Mass.	37 Ld.H.
HUNTER, HOLLAND.....	(Philosophy) 105 E. Delaware Place, Chicago, Ill.	30 Bc
KIBBEE, LEWIS CROSSETT.....	(Economics) 47 Crafts Road, Chestnut Hill, Mass.	20 Bs
KIRK, DAVID BLACKBURN.....	(Mathematics) Mill Hall, Pa.	4 Bs
KRIEBEL, HOWARD BURTT.....	(Biology) Moylan, Pa.	3 Ld.H.
LEE, EDMUND JENNINGS.....	(Chemistry) 518 E. Auburn Avenue, Chestnut Hill, Philadelphia, Pa.	3 Ld.H.
LEVINTOW, LEON.....	(Chemistry) 5749 N. Fairhill Street, Philadelphia, Pa.	26 Bc
LIPPINCOTT, HORACE MATHER, JR.....	(History) East Lane, Chestnut Hill, Philadelphia, Pa.	3 Ld.H.
LITTLE, ELLIS FRANK.....	(Chemistry) 65 Nunda Boulevard, Rochester, N. Y.	115 M
LUTZ, HOWARD, TEN BROECK.....	(History) 318 N. Lansdowne Avenue, Lansdowne, Pa.	7 F
LYMAN, RUSSELL M.....	(Economics) 2101 N. Van Buren Street, Wilmington, Del.	9 F
MACCRATE, ROBERT.....	(Government) 134 Milton Street, Brooklyn, N. Y.	13 Ld.H.
MARSH, JOHN CRESPI.....	(English) 295 Auburn Road, West Hartford, Conn.	10 F
MASON, AVREL.....	(Engineering) Deep Run Farm, Perkasio, Pa.	35 Bc
MEADER, JOHN HOYT.....	(History) 17 Colonial Avenue, Moorestown, N. J.	34 Bc
MOON, JOHN MARTIN.....	(Economics) 31 Penarth Road, Bala-Cynwyd, Pa.	31 Bc
MORSE, GEORGE FOXCROFT.....	(English) 74 Fernwood Road, Hamden, Conn.	113 M
NEWELL, STERLING, JR.....	(Government) 17845 Lake Road, Lakewood, Ohio	37 Ld.H.
OTTO, FRANK KELLETT.....	(Engineering) 2116 Kalorama Road, Washington, D. C.	5 Ld.H.
PATTON, RICHARD ALEXANDER, JR.....	(Chemistry) 105 Linwood Avenue, Ardmore, Pa.	D
PETERKIN, NORMAN.....	(French) 175 Cooper Avenue, Montclair, N. J.	26 Bc
RIDGWAY, STUART L.....	(Mathematics) 144 58th Street, Niagara Falls, N. Y.	5 Ld.H.

Name	Home Address	College Address
ROGERS, ALAN SPENCER.....	(Chemistry) 1320 DeKalb Street, Norristown, Pa.	16 Ld.H.
RYRIE, GEORGE MAGNUS.....	(Economics) 1007 Henry Street, Alton, Ill.	24 Ld.H.
SATTERTHWAIT, ARNOLD CHASE.....	(Greek) 35 N. Sixth Street, Reading, Pa.	36 Bc
SEVRINGHAUS, JOHN WENDELL.....	(Physics) 3914 Cherokee Drive, Madison, Wis.	7 Ld.H.
SHEPARD, SETH THIXTON.....	(Government) 51 W. Lenox Street, Chevy Chase, Md.	16 F
SHIHADDEH, WILLIAM F.....	(Sociology) 113 Sutton Road, Ardmore, Pa.	32 Bc
SHINN, JOHN GIFFIN.....	(Chemistry) 1705 Caton Avenue, Brooklyn, N.Y.	11 Ld.H.
SOMERS, DAVID DELANO.....	(Engineering) 17 Front Street, Marion, Mass.	15 F
STEINS, KENEDON POTTER.....	(Government) 518 Prescott Road, Merion, Pa.	1 Ld.H.
STEVENS, JOHN DICKINSON, JR.....	(Government) 475 Fifth Avenue, New Kensington, Pa.	30 F
STILES, EZRA CLARKE, JR.....	(Chemistry) 512 California Avenue, Oakmont, Allegheny Co., Pa.	D
STUDWELL, WILLIAM ALLEN.....	(German) 15 Ashland Avenue, Pleasantville, N. Y.	2 F
SUTTERLIN, JAMES S.....	(French) 208 Wilkinson, Frankfort, Ky.	15 Lg.H.
TOMLINSON, ALEXANDER COOPER, JR.....	(Economics) 114 W. Kings Highway, Haddonfield, N. J.	30 F
TORRENCE, HASKELL.....	(Chemistry) 20001 S. Woodland Road, Shaker Heights, Ohio	11 Ld.H.
TURNER, ALBERT EDWARD, 3D.....	(Government) 307 Hamilton Road, Wynnewood, Pa.	40 Bc
WARREN, WILLIAM THOMAS, JR.....	(English) 49 Thomas Avenue, Bryn Mawr, Pa.	D
WHITEHEAD, JOHN CUNNINGHAM.....	(Economics) 110 Summit Avenue, Upper Montclair, N. J.	35 Bc
WIDNEY, CARL EDGINGTON.....	(Economics) 10 Mitchell Place, New York, N. Y.	21 F
WILKIE, JOHN BALL.....	(Economics) Milton, N. Y.	36 Bc
WILLIAMS, HUGH ROBERTS.....	(Chemistry) 81 Myrtle Avenue, Wyoming, Maplewood, P. O., N. J.	7 F
WINDER, DAVID ALLEN.....	(German) 432 Oxford Road, Brookline, Pa.	7 F
WINDER, RICHARD BAYLY, IV.....	(English) 5908 Cedar Parkway, Chevy Chase, Md.	30 Bc
WINGERD, WILLIAM NOBLE.....	(Government) Edgar Avenue and Riddle Road, Chambersburg, Pa.	4 Ld.H.
WOODWARD, WILLIAM HOYT.....	(Engineering) Country Club Grounds, Dongan Hills, S. I., N. Y.	16 Ld.H.
YEAPLE, WHITNEY SEILER.....	(Latin) 267 Mulberry Street, Rochester, N. Y.	32 Ld.H.

SOPHOMORE CLASS—1944

ABBOTT, CORNELIUS WEBSTER.....	21 Ld.H.
5506 Lombardy Place, Baltimore, Md.	
ALDEN, CHARLES SEYMOUR.....	14 M
2733 36th Street, N. W., Washington, D. C.	
ALVORD, ELLSWORTH CHAPMAN, JR.....	14 Bs
3512 Lowell Street, Washington, D. C.	

Name	Home Address	College Address
AMUSSEN, JOHN RUSSELL.....	125 Kenwood Avenue, Bethesda, Md.	33 Bc
BAIR, GEORGE ELDRIDGE.....	3 Park Avenue Terrace, Bronxville, N. Y.	9 Ld.H.
BAIRD, DONALD HESTON.....	2024 East Lafayette Place, Milwaukee, Wis.	9 Ld.H.
BALDERSTON, JOHN LLOYD, JR.....	1800 Angelo Drive, Beverly Hills, Calif.	18 Ld.H.
BEYE, CYRUS LOMBARD.....	422 Brown Street, Iowa City, Iowa	21 Bs
BOLGIANO, LOUIS PAUL, JR.....	4411 Norwood Road, Baltimore, Md.	7 Bs
BOYSEN, ALFRED CHARLES.....	25 Tyson Avenue, Glenside, Pa.	107 M
BUYERS, ARCHIE GIRARD.....	Picatinny Arsenal, Dover, N. J.	10 Ld.H.
CLARK, JOHN WILSON.....	Apartado 1252, Panama, Rep. of Panama	22 F
COCKS, GEORGE ROWLAND.....	1278 Maple Ave., Peekskill, N. Y.	6 Ld.H.
COMPTON, HORACE NEWTON, JR.....	622 Bryn Mawr Avenue, Penn Valley, Narberth, Pa.	D
CONN, WILLIAM KERR.....	5026 Saul Street, Philadelphia, Pa.	6 Bs
CRABTREE, JODIE DEE, JR.....	2121 Illini Road, Springfield, Ill.	15 Bs
CRAIG, CASSIN WINCHESTER.....	300 Maple Avenue, North Hills, Montgomery Co., Pa.	5 F
CURTIS, FREDERICK AUGUSTUS, JR.....	Granby, Mass.	39 Bc
DAVIS, DANIEL ELIAS, JR.....	"Glen Osborne," Sewickley, Pa.	8 Ld.H.
DAY, ROBERT BRIGGS.....	930 Fairway Drive, Warren, Ohio	20 Ld.H.
DOWNING, GEORGE VALENTINE, JR.....	427 Market Street, Salem, Va.	7 M
EAGER, HENRY ROBERT.....	303 Ten Eyck Street, Watertown, N. Y.	36 Ld.H.
EGGER, ALBERT JAMES, JR.....	21 Tuscan Road, Maplewood, N. J.	33 F.East
ELKINTON, THOMAS.....	45 E. Maple Avenue, Moorestown, N. J.	D
FITZGERALD, G. HOBART.....	Bronxville Lodge, Bronxville, N. Y.	14 Ld.H.
FOX, CHARLES EDWIN, JR.....	1520 Spruce Street, Philadelphia, Pa.	11 Bs
FRANTZ, JOHN ARTHUR.....	5433 N. Delaware Street, Indianapolis, Ind.	103 M
FREE, EDGAR DAUPHIN.....	6213 Morton Street, Germantown, Philadelphia, Pa.	6 Ld.H.
FUNK, ELMER HENDRICKS, JR.....	6307 Sherwood Road, Overbrook, Philadelphia, Pa.	D
GOERKE, EDMUND, JR.....	601 Union Avenue, Elizabeth, N. J.	22 Ld.H.
GOMEZ, MANUEL JOSEPH.....	6106 Callowhill Street, Philadelphia, Pa.	D
GRAY, HENRY HAMILTON.....	R. 3, Box 499, Terre Haute, Ind.	22 F
GRIER, JESSE GYGER.....	6931 Church Avenue, Ben Avon, Pittsburgh, Pa.	10 Ld.H.
HADEN, JAMES COKE.....	2673 N. Park Blvd., Cleveland, Ohio	21 Ld.H.

Name	Home Address	College Address
HAMILTON, ALLAN C.	12 Park Avenue, Bronxville, N. Y.	18 Ld.H.
HAMMOND, EDMOND EMERSON, JR.	Porter Road, Andover, Mass.	12 Ld.H.
HEDGES, WILLIAM LEONARD.	9 John Street, Providence, R. I.	4 Ld.H.
HILL, ROBERT WHITE.	84 Kenilworth Avenue, Garrett Park, Md.	33 Bc
HOLLANDER, WALTER, JR.	2604 Queen Anne Road, Baltimore, Md.	18 Bs
HOPKINS, GEORGE DEARBORN.	3137 O Street, N.W., Washington, D. C.	9 Ld.H.
HOUGH, JOHN TALCOTT.	Mill Road, Falmouth, Mass.	16 Bs
HOUSTON, WILLIAM MCCLELLAND.	6820 Prospect Avenue, Ben Avon, Pittsburgh, Pa.	10 Ld.H.
HOWE, WILLIAM EASTMAN.	6 Hundreds Circle, Wellesley Hills, Mass.	25 Bc
HUBLER, GEORGE WALTER.	Market Street, Auburn, Pa.	4 M
IRVING, EDWARD BURROUGHS, JR.	3110 W. Penn Street, Philadelphia, Pa.	6 F
JACOB, ROBERT MORRISON.	42 W. Francis Avenue, Pittsburgh (10), Pa.	8 Ld.H.
JONES, CORSON.	9 Hesketh Street, Chevy Chase, Md.	9 Bs
JORDAN, ROBERT FAIRLES.	1248 S. Grand Avenue West, Springfield, Ill.	6 Bs
KLEIN, JOHN SHARPLESS.	41 Ashland Avenue, Pleasantville, N. Y.	109 M
KNOWLAND, WILLIAM EDWARD.	Witherbee Court Apts., Pelham, N. Y.	27 Ld.H.
KROM, JOHN McLAUGHLIN.	117 Malba Drive, Malba, L. I., N. Y.	102 M
LEHMANN, WOLFGANG HANS.	65 Argyle Avenue, New Rochelle, N. Y.	22 Bs
LLOYD, STEPHEN LLEWELLYN.	31 Overhill Road, Scarsdale, N. Y.	22 Bs
LOGAN, JOHN BRONSON.	6001 Nevada Avenue, N.W., Washington, D. C.	21 Bs
LUKENS, PHILIP TINDEL.	158 E. Butler Avenue, Ambler, Pa.	7 Ld.H.
MAGILL, DONALD.	117 Carpenter Lane, Mt. Airy, Philadelphia, Pa.	101 M
MARSHALL, DAVID LEA.	574 Warwick Road, Haddonfield, N. J.	12 Ld.H.
MATHIAS, CHARLES McCURDY, JR.	Court Square, Frederick, Md.	21 Ld.H.
McSHANE, WILLIAM ROBERT.	318 Morgantown Street, Uniontown, Pa.	8 Ld.H.
MILLER, DANIEL KELLER.	2033 Willemore Avenue, Springfield, Ill.	15 Bs
MOORE, GILBERT HENRY, JR.	Cromwell Bridge Road, Towson, Md.	7 Bs
MOORE, WARREN, JR.	Bon Air, Va.	109 M
MURPHEY, ROBERT WILSON.	S. E. Cor. Tunbridge Rd. & College Ave., Haverford, Pa.	2 Bs
MYERS, GERALD EUGENE.	7 Charles Street, Meshanticut, R. I.	8 Lg.H.
NORTON, RICHARD WILLIAM, JR.	6620 Broadway, San Antonio, Texas	2 Lg.H.

Name	Home Address	College Address
PEASE, ALFRED MORGAN, JR.	207 Bloomfield Avenue, West Hartford, Conn.	13 Bs
POST, ARNOLD RAE	9 College Lane, Haverford, Pa.	D
ROBINSON, DERRICK PATRICK MOORE	62 Moreland Avenue, Trenton, N. J.	104 M
ROESLER, JOHN BAIRD	130 Kings Point Road, Great Neck, L. I., N. Y.	12 Ld.H.
SHIPLEY, JAMES EMLEN, JR.	5269 Germantown Avenue, Germantown, Phila., Pa.	32 Bc
SHOFFSTALL, DONALD HUGH	76 Chestnut Street, Maplewood, N. J.	118 M
SMITH, HARRY ROYER, JR.	509 Brookview Lane, Brookline, Upper Darby, Pa.	6 Ld.H.
STOKES, DAVID EVANS	629 Church Lane, Germantown, Philadelphia, Pa.	20 Ld.H.
STOKES, SAMUEL EMLEN, JR.	"Broadacres," Moorestown, N. J.	14 Bs
STOTT, PAUL RICHARD	905 S. Main Street, Newark, N. Y.	39 Bc
STUART, SPENCER RAYMOND	10943 Longwood Drive, Chicago, Ill.	27 Ld.H.
SUTTON, HENRY CRAIG, JR.	Apartado 1715, Havana, Cuba	16 Bs
TAUSSIG, WILLIAM MURRAY	90 Somerset Street, Belmont, Mass.	18 Ld.H.
THOMAS, CHARLES EDGAR, JR.	Darlington, Md.	19 F
VILA, HENRY SABAU	5713 N. Park Avenue, Philadelphia, Pa.	22 Ld.H.
WARREN, RICHARD HARDIN	115 Claremont Street, Newton, Mass.	2 Ld.H.
WATKINS, RICHARD WALKER	1120 N. Highland Avenue, Pittsburgh, Pa.	25 Bc
WENDELL, DOUGLAS CARY, JR.	135 Poplar Avenue, Wayne, Pa.	D
WIGFIELD, HARVEY	170 Dixon Street, Paterson, N. J.	22 Ld.H.
WIRES, JOHN STANLEY	18 Whiting Road, Wellesley Hills, Mass.	8 Lg.H.
WOOD, HOWARD PAGE	7406 Germantown Avenue, Mt. Airy, Philadelphia, Pa.	3 F
WORL, JAMES HOWARD	119 N. Walnut Street, Cambridge City, Ind.	20 Ld.H.

FRESHMAN CLASS—1945

ALFORD, THEODORE CRANDALL, JR.	Theoford Farm, McLean, Va.	17 L
ALLINSON, ANDREW PREVOST	Town's End Farm, West Chester, Pa.	24 Bs
AMBLER, WILLIAM WEBSTER, JR.	207 Lycoming Avenue, Willow Grove, Pa.	8 F
BACHE, KENNETH	15 Dickle Road, Scarsdale, N. Y.	52 Bn
BALDWIN, WARREN CHARLES	91 Nehoiden Road, Waban, Mass.	59 Bn
BALLS, KENT FRANKE	3406 Lowell Street, N.W., Washington, D. C.	50 Bn
BARNES, WILLIAM JAMES, JR.	146 Maple Street, Englewood, N. J.	114 M

Name	Home Address	College Address
BARTHOLOMEW, GEORGE ANDERSON.....	15 Beechwood Boulevard, Pittsburgh, Pa.	59 Bn
BASSETT, DAVID ERISMAN.....	118 Highland Avenue, Bala-Cynwyd, Pa.	D
BENGE, JOHN HOWARD.....	237 Washington Street, Kennett Square, Pa.	105 M
BLOCK, ISAAC EDWARD.....	810 W. Sedgwick Street, Mt. Airy, Phila., Pa.	68 Bn
BOTELER, CHARLES MAGDEFRAU, JR.....	5028 Massachusetts Ave. N.W., Washington, D. C.	33 Bc
BOWMAN, SIDNEY SHELTMAN.....	107 Quinlan Street, Lynchburg, Va.	3 M
BRINTON, EDWARD.....	Pendle Hill, Wallingford, Pa.	52 Bn
BUSH, JOHN HATHAWAY.....	4901 Hillbrook Lane, Washington, D. C.	5 Bs
CALHOUN, CREDE CRESPI.....	295 Auburn Road, West Hartford, Conn.	8 Bs
CARTIER, GEORGE THOMAS.....	430 Old Lancaster Road, Haverford, Pa.	D
CARY, JOHN RICHARD.....	Box 233, New Hope, Pa.	67 Bn
CLEMENT, FREDERICK T. J.....	407 Woodland Avenue, Wayne, Pa.	D
COLE, RICHARD WALLACE.....	260 Case Avenue, Sharon, Pa.	17 Ld.H.
CORNMAN, GUY LESLIE, JR.....	Conshohocken State Road, Gladwyne, Pa.	D
CROSMAN, DORLAND LORING.....	447 Hillside Place, South Orange, N. J.	23 F
CUNNINGHAM, JOSEPH HARRY, II.....	4733 Reservoir Road, Washington, D. C.	66 Bn
DEITSCH, PETER HERBERT.....	1075 Park Avenue, New York, N. Y.	70 Bn
DE LONG, ROBERT PAUL.....	1150 Linden Street, Allentown, Pa.	50 Bn
DE SCHWEINITZ, GEORGE LORD, JR.....	R. D. 2, Bethlehem, Pa.	1 U
DOMINCOVICH, PAUL HENRY.....	236 W. School Lane, Germantown, Phila., Pa.	42 Bc
DORRIES, KARL ROBERT, JR.....	Harriton Road, Bryn Mawr, Pa.	D
DYER, JOHN ALLEN.....	Petersburg, W. Va.	60 Bn
EVANS, WARREN ARLINGTON.....	324 Brookline Boulevard, Brookline, Pa.	D
FAIRMAN, FRANCIS EVARTS, III.....	8 E. Benedict Avenue, Upper Darby, Pa.	D
FEROE, BARTON KENNETH.....	700 King Street, Pottstown, Pa.	19 Ld.H.
FETTERMAN, HENRY HARTER.....	2608 Tilghman Street, Allentown, Pa.	51 Bn
FOX, SAMUEL M., 3D.....	805 The Cambridge, Alden Park, Germantown, Phila., Pa.	10 Bs
GAGER, FORREST LEE, JR.....	719 E. Willow Grove Ave., Chestnut Hill, Phila., Pa.	D
GILMORE, JAMES.....	1331 Inverness Avenue, Pittsburgh, Pa.	9 Lg.H.
GRANT, DAVID EVANS.....	984 E. Circle Drive, Milwaukee, Wis.	58 Bn
GRUBB, KENNETH PHILIP, JR.....	3410 N. Hackett Avenue, Milwaukee, Wis.	19 Ld.H.

Name	Home Address	College Address
HAMILTON, RICHARD TRUITT	Rosslyn Farms, Carnegie, Pa.	12 Bs
HANDY, EDWARD HAVEN, JR.	1564 Ashland Avenue, Evanston, Ill.	8 Lg.H.
HARRER, JOHN MORRISON	525 Fourth Street, Brooklyn, N. Y.	60 Bn
HARVEY, CHARLES RANDOLPH	112 Chamounix Road, St. Davids, Pa.	D
HEIMLICH, ERNEST MAURICE	18 Lippincott Avenue, Long Branch, N. J.	72 Bn
HERNDON, GEORGE LUCIEN	1419 Buchanan Street N.W., Washington, D. C.	D
HOPKINS, ROY HERRICK	7823 Greensfelder, St. Louis, Mo.	2 U
HSIA, DAVID YI-YUNG	3525 Davenport Street, Washington, D. C.	68 Bn
HU, SSU-TU	3225 Woodley Road, Washington, D. C.	55 Bn
HULINGS, CLARK E.	947 Boulevard, Westfield, N. J.	63 Bn
HUNTER, HENRY FOWLER	105 E. Delaware Place, Chicago, Ill.	20 F
HUSTON, JAMES MCCREADY, JR.	819 Montgomery Avenue, Bryn Mawr, Pa.	D
JACKSON, RALPH BARNES	28 Grove Street, Adams, Mass.	71 Bn
JOHNSON, LEWIS MARSHALL	R.R. #2, Box 263, Jeffersontown, Ky.	2 Ld.H.
JOHNSTON, JAMES RENFREW, III	1339 Murdoch Road, Pittsburgh, Pa.	54 Bn
JONES, ARTHUR EDWARD	101 W. Hillcrest Avenue, Oakmont, Pa.	8 F
JOSLIN, BLACKBURN SMITH	4400 Roland Avenue, Baltimore, Md.	67 Bn
KIRK, WILLIAM THOMPSON, IV.	200 South Street, Morristown, N. J.	24 Bs
LANKFORD, HENRY FILLMORE	69 Prince William Street, Princess Anne, Md.	19 Ld.H.
LAWTON, MORTIMER POWELL	1301 Durand Drive, Atlanta, Ga.	G
LEHMANN, WILLIAM LEONARDO	118 Redfield Place, Syracuse, N. Y.	38 Bc
LIBBON, JOSEPH ANTHONY, JR.	141-11 Union Turnpike, Kew Gardens, N. Y.	62 Bn
LORENTZEN, RICHARD PETER	4601 Waveland Court, Des Moines, Iowa	13 Bs
MALEY EUGENE PAT	1414 Regina Street, Harrisburg, Pa.	1 Ld.H.
MALLERY, DAVID	9006 Crefeld Street, Chestnut Hill, Philadelphia, Pa.	64 Bn
MANN, PHILIP CARL, 2ND	33 Church Street, Beverly, N. J.	3 Bs
MARCH, ROBERT STERLING	4303 — 13th Street, N.E., Washington, D. C.	111 M
MATLACK, CHARLES WILLIAM	King's Highway, Moorestown, N. J.	1 M
MCLAUGHLIN, JOHN GERARD, JR.	150 Lowell Avenue, Floral Park, N. Y.	2 M
MOODY, DAVID CARTLAND	Lakeview Drive, Concord, N. H.	G
MORRIS, A. GREGORY	1034 S. Fifth Street, Camden, N. J.	112 M

Name	Home Address	College Address
MORRIS, JOSEPH PAUL, JR.	604 Georges Lane, Ardmore, Pa.	D
PANCOAST, CHARLES EDWARD, III.	515 Spring Lane, Philadelphia, Pa.	41 Bc
PIERSON, JOHN WILLIAM, JR.	1107 St. Paul Street, Baltimore, Md.	61 Bn
PINCH, WILLIAM, JR.	315 Hope Street, Bristol, R. I.	106 M
PONTIUS, ROBERT G.	114 Oakland Avenue, Greensburg, Pa.	69 Bn
PRESTON, EDMOND, III.	531 E. Tulpehocken Street, Germantown, Phila., Pa.	18 F
PRINS, GEERT CALEB E.	77-15—113th Street, Forest Hills, N. Y.	8 Lg.H.
PURDY, DONALD ALEXANDER.	96 Sherman Street, Hartford, Conn.	42 Bc
RICKS, RICHARD ARNOLD, III.	1506 Westwood Avenue, Richmond, Va.	58 Bn
ROBBINS, LEON CLEVELAND, JR.	Elmer, N. J.	15 M
ROOT, VERNON METCALF.	5 Merrymount Road, Baltimore, Md.	61 Bn
ST. CLAIR, ALBERT THURSTON, JR.	2301 W. 11th Street, Wilmington, Del.	66 Bn
SCHMIDT, CARL FREDERIC, JR.	517 Old Gulph Road, Penn Valley, Narberth, Pa.	56 Nn
SCHNAARS, JAMES ALBERT.	Congers Avenue, Congers, N. Y.	9 M
SHEPPARD, CHARLES R.	120 W. Cypress Street, Kennett Square, Pa.	53 Bn
SHIELDS, CHARLES AGARD.	Torrington Road, Torrington, Conn.	10 Lg.H.
SMITH, DRAYTON MELLOR.	304-B Alden Park Manor, Germantown, Phila., Pa.	41 Bc
SMITH, MERLE BURLEIGH.	68 Euclid Avenue, Albany, N. Y.	17 Ld.H.
SNOKE, RALPH.	18112 Gruebner Boulevard, Detroit, Mich.	28 Ld.H.
SWARTLEY, RAY M.	Woodland Drive, Lansdale, Pa.	28 Ld.H.
THOMAS, ALAN ROWLAND.	P. O. Box 78, Radnor, Pa.	D
TRAINER, THOMAS MASON.	1368 Arlington Avenue, Columbus, Ohio	8 Bs
VALENTINE, RICHARD SILSBEE.	130 N. Allegheny Street, Bellefonte, Pa.	10 Lg.H.
VAN HOLLEN, CHRISTOPHER.	Bellona Avenue and Cedarcroft Road, Baltimore, Md.	5 Bs
VINSINGER, HENRY EDWIN, JR.	157 W. Main Street, Newark, Del.	69 Bn
WAITE, DONALD MCCLURE.	1 Walton Road, Haverford, Pa.	D
WARNKEN, HENRY FREDERICK.	81 Chestnut Street, Oneonta, N. Y.	53 Bn
WHITE, ROBERT BLACKISTON.	655 Fern Street, Yeadon, Pa.	D
WHITE, ROBERT PHILLIPS.	301 Brookline Court, Brookline, Pa.	D
WIDDICOMBE, STACEY HARRISON, JR.	Meadowbrook Place, Phoenixville, Pa.	2 Ld H.
WRIGHT, JAMES BOYER.	7008 Wayne Avenue, Upper Darby, Pa.	38 Bc

DIRECTORY

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Name	Home Address	College Address
WRIGHT, MARK LIVINGSTONE, JR.....	1422 Wyandotte Avenue, Lakewood, Ohio	4 F
YOUNG, CALVIN LESSEY.....	3743 Nortonia Road, Baltimore, Md.	108 M
YOUNG, LLEWELLYN POWERS.....	1635 New Scotland Road, Slingerlands, N. Y.	51 Bn

SUMMARY

GRADUATE STUDENTS.....	11
SENIORS.....	71
JUNIORS.....	76
SOPHOMORES.....	87
FRESHMEN.....	103
	<hr/>
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FACULTY AND OFFICERS

Name		Address (Haverford unless otherwise noted)	Telephone Ardmore Exchange unless otherwise noted)
Allendoerfer, Carl B.....	791	College Avenue.....	5426
Asensio, Manuel J.....	2	College Lane.....	9428
Babbitt, Dr. James A.....		Tunbridge and Blakely Rds.....	50
Bernheimer, Richard M.....	225	Roberts Rd., Bryn Mawr.....	
	Bryn Mawr	1427 W
Blanc-Roos, Rene.....		Lancaster & Garrett Ave., Rose- mont.....	Bryn Mawr 2414
Brown, Henry Tatnall, Jr.....	1	College Lane.....	1222
Bushnell, Joseph, 3rd.....	3019	Midvale Ave., Philadelphia, Pa.Germantown	0665
Cadbury, William Edward, Jr....		Graduate House.....	1779 W
Clement, Charles A.....		Woodside Cottage.....	3109 J
Clement, Wilmer B.....		Founders Hall, East.....	2396
Comfort, Howard.....	5	College Circle.....	3732
Comfort, William W.....		South Walton Road.....	455
Docherty, William, Jr.....		Haverford Villa, Ardmore, Pa....	3859 J
Drake, Thomas E.....	2	Pennstone Road, Bryn Mawr, Pa.....	Bryn Mawr 1534
Dunn, Emmett R.....	748	Rugby Road, Haverford.....	
	Bryn Mawr	2662
Ellsworth, Louis.....		Apt. 2F, Southmore Court, So. Ardmore, Pa.....	Hilltop 1665 J
Evans, Arlington.....	324	Boulevard, Brookline, Upper Darby P. O., Pa.....	Hilltop 2043
Fetter, Frank Whitson.....	5	Canterbury Lane, St. Davids, Pa.....	Wayne 2449 J
FitzGerald, Alan S.....		Warwick Rd. and Cotswold Lane, Wynnewood, Pa.....	1404
Flight, John W.....	753	College Avenue.....	4409 W
Gerig, Benjamin.....	510	Old Railroad Ave.....	3031
Gibb, Thomas C.....	518	W. Beechtree Lane, Wayne, Pa.Wayne	1469 W
Green, Louis C.....		Buck Inn.....	Bryn Mawr 2763 R
Gummere, Henry V.....		Apt. B-207, Shirley Court, Up- per Darby, Pa.....	Blvd. 1307 W
Haddleton, A. W.....	29	Tenmore Road... Bryn Mawr	1235 W
Henry, Howard K.....	1464	Drayton Lane, Penn Wynne, Pa.....	3913 J
Hepp, Maylon H.....		Strafford, Pa.....	Wayne 373 M
Herndon, John G.....	4	College Circle.....	364
Hetzel, Theodore B.....	768	College Avenue.....	4393 W
Holmes, Clayton W.....	3	College Lane.....	195 W
†Hotson, J. Leslie.....		Woodside Cottage.....	3725
Johnston, Robert J.....		College Circle.....	2777
Jones, Rufus M.....	2	Founders Hall, East.....	2396
Jones, Thomas O.....		College Lane.....	4160
Kelly, John A.....	3	College Lane.....	3798 W
Lafford, Lindsay A.....	1	Graduate House.....	9613
Laughlin, John S.....		Graduate House.....	9613
Laughlin, William S.....		College Circle.....	1402 J
Lockwood, Dean P.....	6	College Lane.....	1507 W
Lunt, William E.....	5	College Circle.....	0961
MacIntosh, Archibald.....	3	Montgomery Avenue, Bryn Mawr, Pa.....	Bryn Mawr 2283 W
Melchior, Montfort V.....	612		

† Absent on leave 1941-42.

Name		Address (Haverford unless otherwise noted)	Telephone (Ardmore Exchange unless otherwise noted)	
Meldrum, William B.	747	College Avenue.	881	J
Montgomery, George		6124 Columbia Ave., Overbrook Pa.	Greenwood 7811	
Morley, Felix	1	College Circle.	4712	
Moseley, Merritt Wayne		Founders Hall, East	1832	
Newhall, William F.	36	Tenmore Road	Bryn Mawr 2962	
Oakley, Cletus O.		Featherbed Lane.	3109	W
Palmer, Frederic, Jr.	7	College Lane.	97	R
Pancoast, Omar		Whitehall Apts.	3160	
Pfund, Harry W.	624	Overhill Road, Ardmore	5532	
Post, Amy L.	C-3	Dreycott Apts.	1643	W
Post, L. Arnold	9	College Lane.	258	M
Randall, Roy E.	3	College Lane.	195	J
Rantz, J. Otto	2122	Chestnut Ave., Ardmore, Pa.		
Redington, Edgar H., Jr.		Hidden Lane Meadowbrook, Pa.	Ogontz 2530	
Rittenhouse, Leon H.	6	College Lane.	5522	
Ruof, Clarence H.		Graduate House.	9613	
Sargent, Ralph M.	791	College Avenue.	3339	
Scaife, Mary L.		Haverford Gables, Apt. E-4	5117	
Snyder, Edward D.	36	Railroad Avenue.	712	
Steere, Douglas V.	739	College Avenue.	162	
†Sutton, Richard M.	785	College Ave., facing Walton Road.	4155	W
Swann, Alfred J.	612	N. Chester Rd., Swarthmore, Pa.	Swarthmore 2232	W
Taft, William H., II		Graduate House.	9613	
Taylor, Dr. Herbert W.	457	Lancaster Avenue.	2383	
Teaf, Howard Morris, Jr.	207	W. Plumstead Ave., Lansdowne, Pa.	Madison 4297	J
Watson, Frank D.	773	College Avenue.	2937	
Weil, Andre	222	East Benedict Avenue, South Ardmore.		
Williamson, Alexander Jardine	4	College Lane.	4023	
Wills, William Mintzer	342	Merion Road, Merion, Pa.		
Wilson, Albert H.	765	College Avenue.	1853	

† Absent on leave, 1941-42.



COLLEGE OFFICE AND BUILDING TELEPHONES*

Administrative Secretary, Mary L. Scaife.....	540
Alumni Office, Joseph Bushnell, 3rd, Secretary, Haverford Union.....	4338
Barclay Hall North.....	9506
Barclay Hall, South.....	9508
Barclay Hall, Center.....	9459
Business Office, W. M. Wills, Comptroller-Registrar.....	221
Dean, H. Tatnall Brown, Jr.....	1441
Dean of Freshmen in Charge of Admissions, A. MacIntosh.....	1441
Founders Hall, East.....	9460
Founders Hall, Dormitory.....	9533
Founders Hall, Kitchen.....	9544
Graduate House.....	9613
Gymnasium.....	9512
Haverford News.....	5861
Haverford Review, M. W. Moseley, Editor.....	5289
Hilles Laboratory of Applied Science (Engineering).....	1670
Language House, Manuel J. Asensio, Director.....	9428
Library.....	767
Lloyd Hall, Rooms 5-12.....	9520
Lloyd Hall, Rooms 13-22.....	9514
Lloyd Hall, Rooms 23-38.....	9628
Lyman Beecher Hall Chemistry Laboratory.....	387
Merion Hall.....	9458
Merion Hall Annex.....	9458
Morris Infirmary.....	763
President, Felix Morley.....	540
Power House.....	9540
Publicity Office, W. M. Moseley, Director.....	5289
Research Laboratory, Alan S. FitzGerald, Director.....	5092
Sharpless Hall (Physics and Biology).....	950
Skating Pond.....	9561
Steward, Charles A. Clement.....	2942
Strawbridge Memorial Observatory.....	4796
Supt. of Buildings and Grounds, R. J. Johnston.....	2942

* Ardmore Exchange.

GENERAL ALUMNI ASSOCIATION OF
HAVERFORD COLLEGE

President

W. NELSON WEST, 3rd, '24
Stock Exchange Bldg., Phila., Pa.

Vice-Presidents

E. ROLAND SNADER, JR., '17
547 Sussex Road, Wynnewood, Pa.

CLINTON P. KNIGHT, JR., '16
146 Westminster St., Providence, R. I.

BERNARD LESTER, '04
40 Wall St., New York City

Secretary

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Haverford College, Haverford, Pa.

Treasurer

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Packard Building, Philadelphia, Pa.

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Haverford Society of New England

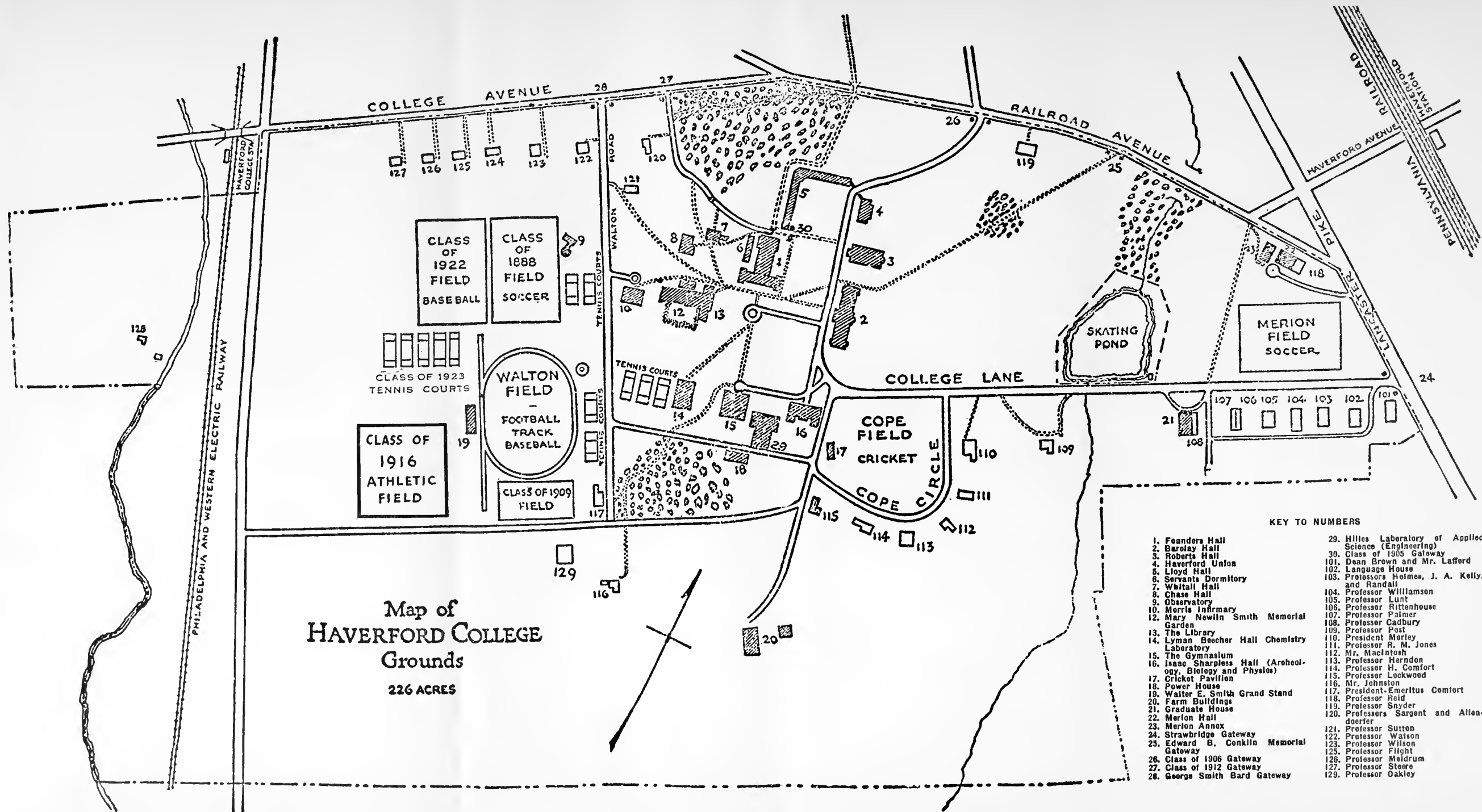
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	40 Broad Street, Room 600, Boston, Mass.
Vice-President.....	PAUL JONES, '05
	Marble Street, Whitman, Mass.
Vice-President.....	CLINTON P. KNIGHT, JR., '16
	146 Westminster Street, Providence, R. I.
Treasurer.....	WESTON HOWLAND, '17
	144 Randolph Avenue, Milton, Mass.
Secretary.....	RICHARD W. JANNEY, '22
	22 Dwhinda Road, Waban, Mass.

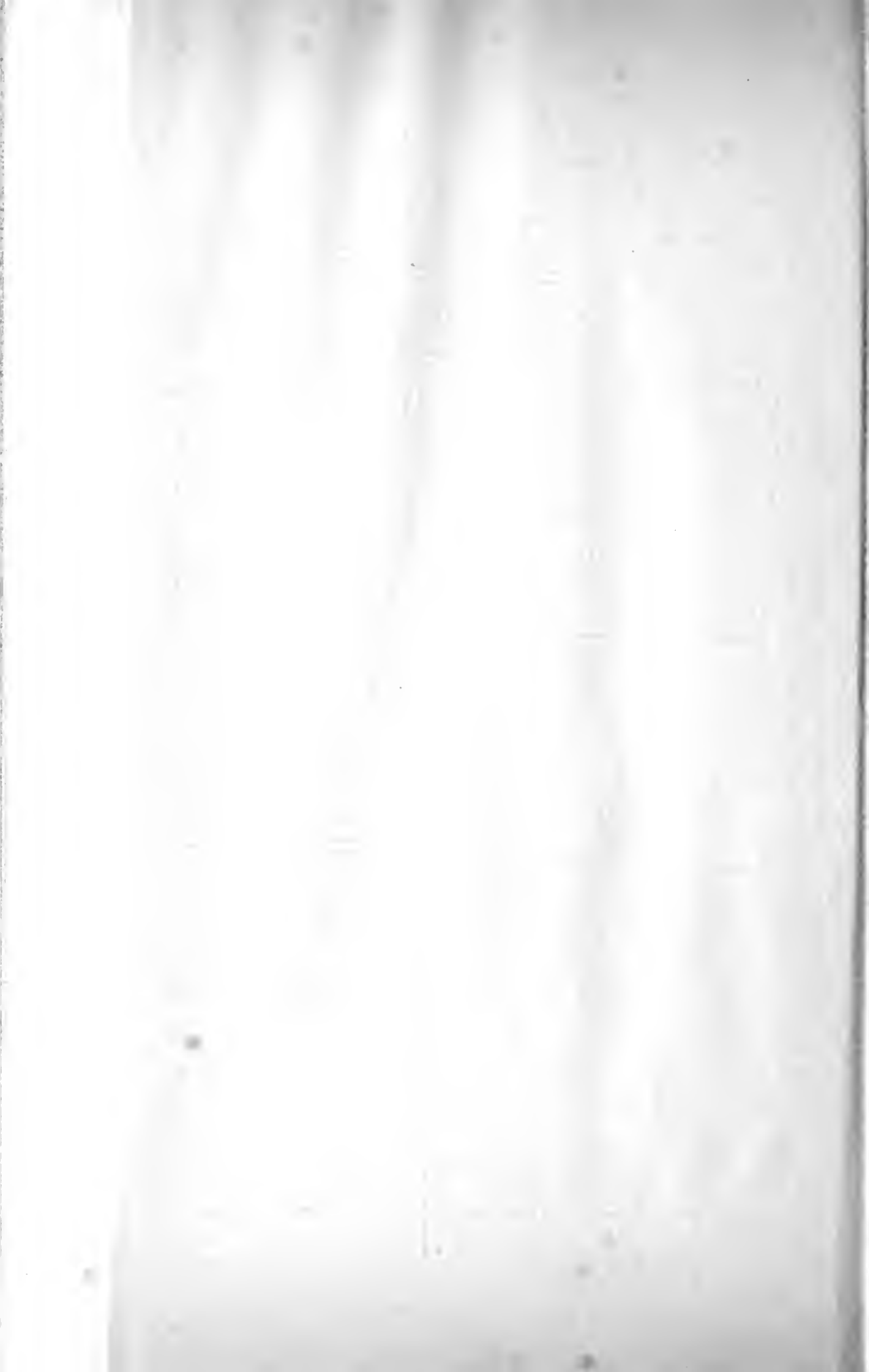
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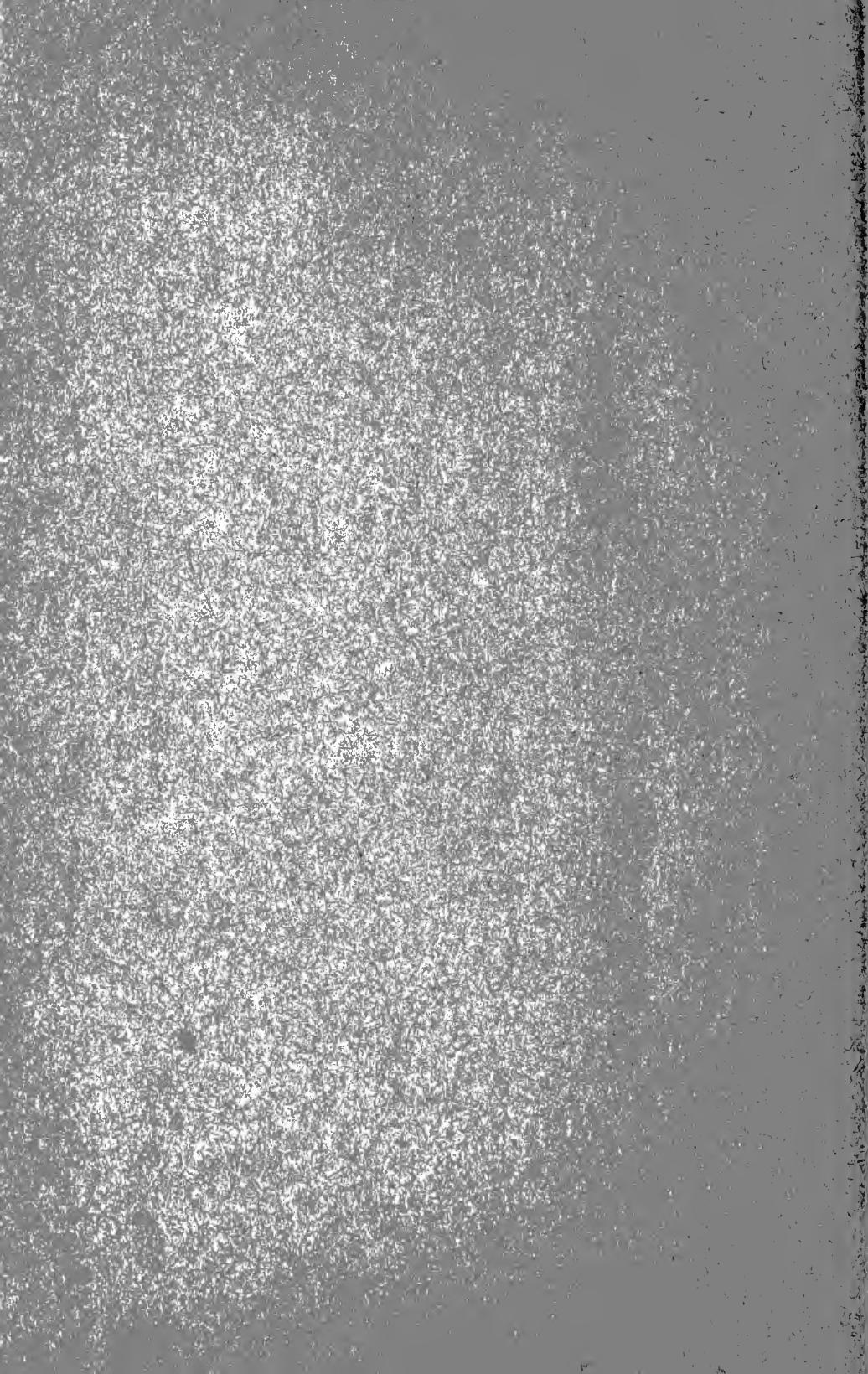
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HAVERFORD COLLEGE

HAVERFORD COLLEGE BULLETIN

REPORT OF THE
TREASURER OF THE CORPORATION

1940-1941

(President's Report issued separately
and cataloged separately)



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THE CORPORATION OF
HAVERFORD
COLLEGE

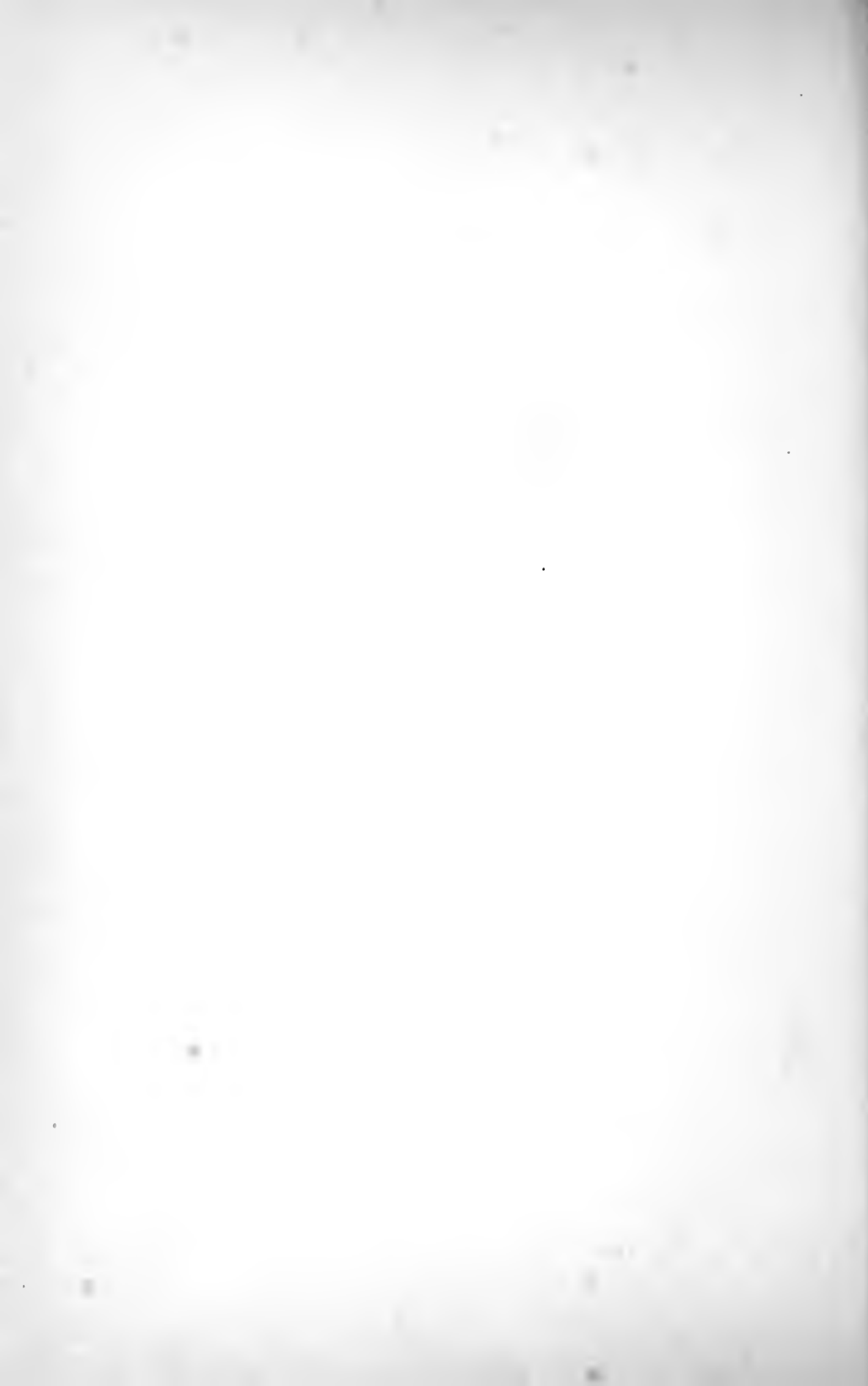
1940 - 41

Report of
TREASURER OF THE CORPORATION

For the Year Ending Eighth Month 31, 1941



HAVERFORD · PENNSYLVANIA



CORPORATION OF HAVERFORD COLLEGE OFFICERS

MORRIS E. LEEDS, *President* 4901 Stenton Ave., Germantown, Phila.
 FELIX M. MORLEY, *President of the College* Haverford, Pa.
 J. HENRY SCATTERGOOD, *Treasurer* 1616 Walnut St., Phila.
 EDWARD W. EVANS, *Secretary* 304 Arch St., Phila.

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 EDWARD W. EVANS, *Secretary* 304 Arch St., Phila.

Term Expires 1942

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 ARTHUR H. THOMAS W. Washington Square, Phila.
 WILLIAM A. BATTEY Liberty Trust Building, Phila.
 DR. FREDERIC C. SHARPLESS Rosemont, Pa.
 JOHN A. SILVER Olney P.O., Phila.
 ALFRED BUSSELLE 347 Madison Ave., New York, N.Y.
 WALTER C. JANNEY 1529 Walnut St., Phila.
 WILLIAM B. BELL Rockefeller Plaza, New York, N.Y.
 *DR. ARTHUR H. HOPKINS 1726 Pine St., Phila.
 *OWEN B. RHOADS Packard Bldg., Phila.

Term Expires 1943

FREDERIC H. STRAWBRIDGE 801 Market St., Phila.
 JONATHAN M. STEERE 1318 Girard Trust Bldg., Phila.
 L. HOLLINGSWORTH WOOD 103 Park Ave., New York, N.Y.
 STANLEY R. YARNALL 5337 Knox St., Germantown, Phila., Pa.
 WILLIAM WISTAR COMFORT Haverford College, Haverford, Pa.
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 *ULRIC J. MENGERT Morris Building, Phila.

Term Expires 1944

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 EDWARD WOOLMAN Haverford, Pa.
 THOMAS W. ELKINTON 121 So. 3rd St., Phila.
 DR. S. EMLEN STOKES Moorestown, N.J.
 HENRY CARTER EVANS 635 Manatawna Ave., Roxboro, Phila.
 WILLIAM M. MAIER Bailey Building, Phila.
 *JOHN K. GARRIGUES 1102 Westover Rd., Westover Hills, Wilmington, Del.

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Term Expires 1942

FREDERIC PALMER, JR.

Term Expires 1943

WILLIAM B. MELDRUM

* Alumni Representative Managers.

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Term Expires 1942

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E. WAYNE MARSHALL, JR.....574 Warwick Road, Haddonfield, N.J.
EDWARD R. MOON.....31 Penarth Road, Bala-Cynwyd, Pa.

Term Expires 1943

M. ALBERT LINTON.....Prov. Mut. Life Ins. Co., 46th & Market Sts., Phila.
JAMES P. MAGILL.....225 South 15th St., Phila.
J. RUSSELL ELKINTON, M.D.....
.....Dept. Int. Med., Yale Univ., 789 Howard Avenue, New Haven, Conn.

Term Expires 1944

STANLEY R. YARNALL.....5337 Knox St., Germantown, Phila.
THOMAS SHIPLEY BROWN.....Westtown, Pa.
C. REED CARY.....Ellet Lane & Wissahickon Ave., Mt. Airy, Phila.

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DR. THOMAS F. BRANSON	ARTHUR H. THOMAS

Counsel

PARKER S. WILLIAMS*

* Invited to attend all Board Meetings.

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Hamilton College and University of Pennsylvania; Litt.D., *George Washington University*
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ARCHIBALD MACINTOSH

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Physician in Charge

HENRY VOLKMAR GUMMERE

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Director of the Strawbridge Memorial Observatory

ROBERT J. JOHNSTON

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Director of Publicity

AMY L. POST

A.B., *Earlham College*
Assistant Librarian

MABEL S. BEARD

R.N., *Lankenau Hospital*
Resident Nurse

MARY L. SCAIFE

Administrative Secretary

SUMMARY OF THE ACCOUNT OF
J. HENRY SCATTERGOOD, Treasurer of
THE CORPORATION OF HAVERFORD COLLEGE

For the Year Ending Eighth Month 31, 1941

RECEIPTS

Income From Funds for General Purposes

General Endowment Fund.....	\$ 3,969.00	
John Farnum Memorial Fund.....	1,016.58	
John M. Whitall Fund.....	434.70	
David Scull Fund.....	1,830.59	
Edward L. Scull Fund.....	464.29	
Wistar Morris Memorial Fund.....	210.17	
Israel Franklin Whitall Fund.....	440.50	
Jacob P. Jones Endowment Fund.....	53,168.13	
John Farnum Brown Fund.....	11,271.98	
Ellen Wain Fund.....	454.19	
Clementine Cope Endowment Fund.....	878.13	
Nathan Branson Hill Fund.....	156.14	
Joseph E. Gillingham Fund.....	1,732.05	
Henry Norris Fund.....	240.48	
Elizabeth H. Farnum Fund.....	433.77	
James R. Magee Fund.....	1,804.59	
Albert K. Smiley Fund.....	61.28	
Hinchman Astronomical Fund.....	1,614.42	
W. D. & B. M. L. Scull Fund.....	7,131.72	
Albin Garrett Memorial Fund.....	1,093.74	
Arnold Chase Scattergood Memorial Fund.....	996.12	
Francis B. Gummere Memorial Fund.....	5,130.18	
Isaac Sharpless Memorial Fund.....	8,936.22	
General Education Board Fund.....	5,150.91	
Centenary Fund.....	9.80	
William Penn Foundation.....	4,170.00	
Walter Carroll Brinton Memorial Fund.....	577.11	
Corporation Fund.....	3,268.84	
Elizabeth J. Shortridge Fund.....	408.55	
Howard Comfort Memorial Fund.....	205.39	
Emma Ridgway Comly Fund.....	2,042.26	
Ellen W. Longstreth Fund.....	4,336.74	
Albert L. Bailly Fund.....	204.31	
Elizabeth B. Wistar Warner Fund.....	202.20	
T. Allen Hilles Bequest.....	11,470.72	
Leonard L. Greif & Roger L. Greif Fund.....	40.86	
Edward M. Wistar Fund.....	102.14	
Morris E. Leeds Fund.....	276.79	135,935.59

Income From Fund for Thomas Wistar Brown
Graduate School

Moses Brown Fund.....	14,261.87
Forward.....	\$150,197.46

HAVERFORD COLLEGE

Forward.....		150,197.46
<u>Income from Funds for Morris Infirmary</u>		
Infirmary Endowment Fund.....	394.39	
John W. Pinkham Fund.....	<u>206.71</u>	601.10
<u>Income from Fund for Haverford Union</u>		
Haverford Union Fund.....		76.76
<u>Income from Funds for Scholarships</u>		
Thomas P. Cope Fund.....	214.81	
Edward Yarnall Fund.....	247.96	
Isaiah V. Williamson Fund.....	809.65	
Richard T. Jones Scholarship Fund.....	206.57	
Mary M. Johnson Scholarship Fund.....	286.54	
Sarah Marshall Scholarship Fund.....	323.56	
Clementine Cope Fellowship Fund.....	933.38	
Isaac Thorne Johnson Scholarship Fund.....	323.35	
Caspar Wistar Memorial Fund.....	120.57	
J. Kennedy Moorhouse Scholarship Fund.....	210.64	
Louis Jaquette Palmer Scholarship Fund.....	204.28	
Paul W. Newhall Scholarship Fund.....	206.14	
Robert Martin Zuckert Memorial Scholarship Fund.....	483.22	
Samuel E. Hilles Scholarship Fund.....	204.98	
Class of 1913 Scholarship Fund.....	<u>122.57</u>	4,898.22
<u>Income from Funds for Library</u>		
Alumni Library Fund.....	712.32	
Mary Farnum Brown Library Fund.....	2,668.47	
William H. Jenks Library Fund.....	204.28	
Mary Wistar Brown Williams Library Fund.....	829.64	
Anna Yarnall Fund.....	7,028.74	
F. B. Gummere Library Fund.....	25.96	
Edmund Morris Fergusson, Jr. Memorial Fund.....	40.95	
Class of 1888 Library Fund.....	234.95	
Class of 1918 Library Fund.....	<u>51.21</u>	11,796.52
<u>Income from Funds for Old Style Pensions</u>		
President Sharpless Fund.....	1,684.75	
William P. Henszey Fund.....	1,501.79	
Jacob P. Jones Benefit Fund.....	2,782.81	
Pliny Earle Chase Memorial Fund.....	133.69	
Haverford College Pension Fund.....	<u>4,577.45</u>	10,680.49
<u>Income from Funds for Special Purposes</u>		
Thomas Shipley Fund.....	214.41	
Elliston P. Morris Fund.....	46.03	
John B. Garrett Reading Prize Fund.....	50.98	
Special Endowment Fund.....	376.97	
Scholarship Improvement Prize Fund.....	93.84	
Elizabeth P. Smith Fund.....	41.96	
S. P. Lippincott History Prize Fund.....	<u>104.05</u>	
Forward.....	928.24	178,250.55

HAVERFORD COLLEGE

Forward..... \$ 178,250.55

Income from Funds for Special Purposes (Continued)

Forward.....	928.24	
Francis Stokes Fund.....	209.19	
George Peirce Prize Fund.....	82.41	
Lyman Beecher Hall Prize Fund.....	88.04	
Newton Prize Fund.....	57.11	
Edward B. Conklin Athletic Field.....	98.05	
Arboretum Fund.....	187.43	
William Ellis Scull Prize Fund.....	81.71	
Paul D. I. Maier Fund.....	40.86	
Strawbridge Observatory Maintenance Fund.....	156.87	
		<u>1,929.91</u>
Income from the Funds for the College.....		180,180.46

Income from Special Trust

Augustus Taber Murray Research Scholarship Fund.....		<u>990.54</u>
Total Income from all Funds.....		181,171.00

Income from College Sources

Tuition - cash.....	118,089.19	
Scholarships Donated.....	1,320.00	
Scholarships from Funds.....	<u>14,220.00</u>	133,629.19
Board - cash.....	77,957.35	
Board - scholarships from Funds.....	<u>1,250.00</u>	79,207.35
Room Rents - cash.....		40,542.91
Room Rents for 1941-42 rec'd. in advance.....		4,425.00
Re-examination Fees.....		579.50
Miscellaneous Fees.....		875.95
Board of Professors.....		2,708.85
Rentals.....		13,133.00
Student Activities Fees.....		3,308.00
Infirmary.....		379.10
Library.....		332.14
Biological Laboratory.....		1,066.85
Chemical Laboratory.....		3,068.30
Physics Laboratory.....		1,393.40
Engineering Laboratory.....		1,446.08
Music Department.....		78.30
Observatory.....		268.00
Mathematics Department.....		40.00
Stationery (net gain).....		<u>32.05</u>
		<u>286,513.97</u>
Forward.....		\$ 467,684.97

HAVERFORD COLLEGE

Forward..... \$ 467,684.97

Donations other than for Funds

Class of 1902 Latin Prize.....	10.00	
Class of 1910 Poetry Prizes (2 years).....	50.00	
Matzke Royalties for books.....	44.46	
Dr. H. S. Arthur's gift for books.....	400.00	
For Music & Art from Carnegie Corporation.....	8,000.00	
For Organ for Roberts Hall.....	511.02	
Radio Club - interest received.....	63.40	
Scholarships - New England Alumni.....	300.00	
New York Alumni.....	150.00	
Others (4).....	670.00	
For 1941-1942 (2).....	560.00	1,680.00
For Campus Club.....	834.00	
Bird Sanctuary.....	55.00	
Care of Cope Field.....	25.00	
For Beth Shemesh Exploration Fund.....	280.00	
For Student Loan Fund - Class of 1911.....	28.85	
For General Purposes.....	950.00	
For Road Improvement around College Circle.....	750.00	
For Publicity Fund.....	250.00	
For Speakers at Collection.....	80.00	
For Emergency Aid to Professors.....	200.00	
For Aid and Reconstruction Council.....	15.00	
For Pratt House rental pending purchase.....	50.00	
For Field House-Class of 1941 (2 U.S. Defense Bonds).....	148.00	
For Scientific Promotion.....	100.00	
For Special Purposes to be designated.....	65,198.00	
For New Stacks Addition to Library.....	7,420.00	87,142.73

Additions to Funds

General Endowment Fund - In Memory of Aubrey C. Dixon '06.....	300.00	
Centenary Fund - Donation realized.....	11.34	
Morris E. Leeds Fund.....	40,000.00	
Moses Brown Fund - Income transferred.....	1,426.19	
Isaac Thorne Johnson Scholarship Fund - Income transferred.....	23.35	
Robert Martin Zuckert Memorial Scholarship Fund - donated.....	2,500.00	
Mary Farnum Brown Library Fund - Income transferred.....	264.78	
George Pierce Prize Fund - Income transferred.....	32.41	44,558.07

Transferred from Centenary Fund to Corporation Account for Deficit

11.34

Proceeds from Skating Pond

444.15

Received 5% Distribution in Liquidation of Merion Title & Trust Co.

522.48

Refunded to Corporation by Student Loan Fund

3,000.00

For Right of Way for Electric Poles

1.50

Forward..... \$ 603,365.24

HAVERFORD COLLEGE

Forward..... \$ 603,365.24

Investments Realized

Consolidated Investments Account

Bonds - Municipal.....	3,365.00	
Industrial.....	16,914.83	
Public Utility.....	53,249.45	
Railroad.....	44,995.49	
Equipment Trust.....	10,195.00	
Miscellaneous.....	<u>5,595.00</u>	134,314.77
Preferred Stocks -		
Industrial.....	14,477.00	
Public Utility.....	14,300.00	
Railroad.....	<u>100.00</u>	28,877.00
Common Stocks -		
Industrial.....	5,015.95	
Public Utility.....	<u>511.27</u>	5,527.22
Mortgages -		
Received on a/c.....	24,172.50	
Foreclosed.....	<u>23,520.00</u>	47,692.50
Real Estate -		
Sold.....	1,223.20	
Insurance settlement.....	<u>12.00</u>	1,235.20
Miscellaneous - Received on advance for house on campus.....	<u>690.25</u>	218,336.94

John Farnum Memorial Fund..... 5,739.58

Nathan Branson Hill Fund

(First National Bank and Trust
Co. of Minneapolis, Minn.
Trustee) Entered Short
(\$1,962.41)

Elizabeth H. Farnum Fund

(Provident Trust Co.,
Philadelphia, Pa. Trustee)
Entered Short
Investments realized \$770.00

Ellen W. Longstreth Agency a/c..... 347.84

Ellen W. Longstreth Fund - Mary Pearsall et al
Agency a/c..... 319.85

Donations A/C - Donated Stock Sold..... 60,000.00 284,744.21

Money borrowed temporarily..... 19,500.00

Balances 9th Month 1, 1940

In Treasurer's Account.....	81,978.47	
In President's Account.....	<u>18,348.51</u>	<u>100,326.98</u>

\$ 1,007,936.43

Haverford College

EXPENDITURES

1940-1941

Expenses of Running the College

Salaries - Instruction & Executive....	\$ 204,439.69	
Salaries - Library Staff.....	<u>11,638.00</u>	216,077.69
Pension Contributions.....		7,487.83
Wages - Administration & General.....	17,662.72	
Wages - Power Plant.....	4,961.74	
Wages - Residence Halls.....	10,314.35	
Wages - Dining Room & Kitchen.....	<u>14,668.50</u>	47,607.31
Provisions.....		37,672.89
Family Expenses & Furniture.....		7,251.16
Educational Miscellaneous.....		5,128.84
Fuel and Light (in addition to \$6,110.40 paid in advance).....		14,469.73
Water.....		2,537.97
Lawn & Garden.....		9,277.81
Student Activities Account.....		3,178.38
Infirmary.....		2,990.59
Haverford Union.....		6.90
Library.....		2,237.05
Biological Laboratory.....		1,211.70
Chemical Laboratory.....		3,112.15
Physics Laboratory.....		1,169.31
Engineering Laboratory.....		1,387.82
Music Department.....		100.25
Observatory.....		246.33
Gymnasium and Athletics.....		11,089.28
Printing and Advertising.....		2,438.09
Entertainment Expenses.....		1,434.28
(including inauguration of President)		
Road around College Circle.....	1,433.00	
Repairs and Improvements.....	<u>23,644.72</u>	25,077.72
Interest.....		4,987.31
Taxes.....		1,849.46
Insurance (in addition to \$2,039.20 paid in advance).....		2,888.41
Secretary and Treasurer's Expense....	3,099.11	
Auditing Expense.....	500.00	
Appropriation for Haverford Meeting...	<u>100.00</u>	3,699.11
Miscellaneous Appropriations charged to Moses Brown Fund.....		550.00
Rent - W.D. & E.M.L. Scull Fund.....	320.00	
Rent - Moses Brown Fund.....	2,400.00	
Rent - College Circle #1.....	<u>1,200.00</u>	<u>3,920.00</u>
Regular Expenses of Running the College.....		421,085.37
Add: -		
Interest on Stork Art Gift Fund (beyond dividend received).....	1,244.00	
Annuity.....	<u>400.00</u>	<u>1,644.00</u>
Forward.....		\$ 422,729.37

HAVERFORD COLLEGE

Forward..... \$ 422,729.37

Expenditures from Income of Funds for
Scholarships and Fellowships

General Endowment Fund.....	750.00	
Jacob P. Jones Endowment Fund.....	7,950.00	
Joseph E. Gillingham Fund.....	800.00	
Moses Brown Fund -		
at Pendle Hill.....	1,050.00	
at Haverford.....	<u>3,000.00</u>	4,050.00
Thomas P. Cope Fund.....		200.00
Isaiah V. Williamson Fund.....		500.00
Richard T. Jones Scholarship Fund.....		100.00
Mary M. Johnson Scholarship Fund.....		200.00
Sarah Marshall Scholarship Fund.....		300.00
Clementine Cope Fellowship Fund -		
Samuel F. Johnson at Harvard.....	700.00	
Isaac Johnson Scholarship Fund.....	300.00	
J. Kennedy Moorhouse Scholarship Fund.	250.00	
Louis Jaquette Palmer Scholarship Fund	150.00	
Paul W. Newhall Memorial Scholarship		
Fund.....	125.00	
Robert Martin Zuckert Memorial		
Scholarship Fund.....	520.00	
Samuel E. Hilles Scholarship Fund.....	200.00	
Class of 1913 Scholarship Fund.....	<u>125.00</u>	17,220.00

Expenditures from Income of Special Trust

Augustus Taber Murray Research	
Scholarship Fund - Annuity	980.00

Expenditures from Income of Funds for Library

W.D. & E.M.L. Scull Fund - Books.....	193.52	
Ellen W. Longstreth Fund - Quakeriana.	898.66	
Mary Farnum Brown Library Fund -		
Books - General.....	1,853.94	
Books - Christian Knowledge	420.25	
Library Lecture.....	<u>129.50</u>	2,403.69
William H. Jenks Library		
Fund-Quakeriana.....	82.35	
Mary Wistar Brown Williams Library		
Fund - Books.....	398.41	
Anna Yarnall Fund - Books.....	1,974.84	
F. B. Gummere Library Fund - Books....	6.33	
Edmund Morris Fergusson, Jr. Memorial		
Fund - Books.....	<u>12.43</u>	5,970.23

Expenditures from Income of Special Funds

John Farnum Brown Fund - Prizes.....	105.00	
T. Allen Hilles Bequest - Engineering		
Equipment.....	493.17	
Thomas Shipley Fund - Lectures.....	224.73	
Special Endowment Fund -		
Friends' Council on		
Education.....	25.00	
Religious Education Comm.	<u>200.00</u>	225.00
Scholarship Improvement Prize Fund....	95.00	
Forward.....	1,142.90	24,170.23

422,729.37

HAVERFORD COLLEGE

Forward.....		\$ 24,170.23	\$ 422,729.37
<u>Expenditures from Income of Special Funds</u>			
Forward.....	1,142.90		
S. P. Lippincott History Prize Fund-Books..	84.50		
Francis Stokes Fund - For Campus Club Work.	25.85		
George Peirce Prize Fund - Prize.....	50.00		
Lyman Beecher Hall Prize Fund - Prize.....	100.00		
Newton Prize Fund - Books.....	187.68		
Newton Prize Fund - Prize.....	40.00		
Arboretum Fund - Campus Club Work.....	25.86		
William Ellis Scull Fund - Prize.....	50.00		
Paul D. I. Maier Fund - Prizes.....	20.00		
Strawbridge Observatory Maintenance Fund -			
Equipment and phone.....	56.83	1,783.62	25,953.85
<u>Old Style Pensions.....</u>			27,727.00
<u>Paid out of Donations</u>			
Class of 1902 Latin Prize.....		10.00	
Class of 1910 Poetry Prize.....		25.00	
For Books from Matzke Royalties.....		22.02	
For Books from Gift for French Books.....		.49	
For Books from Jensen Gift for German Books.....		59.19	
For Books from Carnegie Corporation Gift for Books...		226.74	
For Music from Carnegie Corporation Gift.....		567.80	
For Salary from Carnegie Corporation Gift \$1800.			
For Organ from Carnegie Corporation & Other Gifts....		2,485.00	
For Art from Carnegie Corporation Gift.....		147.02	
For Radio Club.....		65.00	
For Scholarships - New England Alumni.....	300.00		
New York Alumni.....	150.00		
From R.E. Miller's Gift..	200.00		
Others (4).....	670.00	1,320.00	
For Campus Club.....		834.00	
For Bird Sanctuary.....		55.00	
For Care of Cope Field.....		25.00	
Paid over to Loan Fund.....		28.85	
For Speakers at Collection.....		68.75	
For Emergency Aid to Professors.....		183.50	
For Pratt House rental pending purchase.....		50.00	
For Field House - Class of 1941			
(invested in \$200 U. S. Defense Bonds).....		148.00	
For Scientific Promotion -			
Physics Exhibit at A.A.A. Science Meeting.	250.00		
Chemical Laboratory Equipment.....	400.00		
Celestial Navigation Course.....	223.00		
Radio Lectures.....	100.00	973.00	7,294.36
<u>New Construction (from Donations)</u>			
New Stacks Addition to Library -			
Completed. Total cost \$126,514.97.....		103,704.71	
(Shortage of Donations to date \$12,323.97)			
Library Old Stack Building made over for			
Quakeriana and Roberts Collection - to date.....		7,661.98	
(From M. E. Leeds' special donation)			
Fourth and Fifth Tiers of New Stack Building			
Completion & Improvements to Heating - to date....		8,005.70	
(From M. E. Leeds' Special donation)			
			119,372.39
Forward.....			603,076.97

HAVERFORD COLLEGE

Forward.....		\$ 603,076.97
<u>Other New Construction (to be financed)</u>		
Purchase of Professor Pratt's house - #4 College Circle and Improvements.....	10,938.46	
Improvements #2 College Lane - to date.....	507.95	
Kitchen Alterations and Senior Dining Room - to date.....	<u>5,974.55</u>	17,420.96
<u>Miscellaneous Expenditures</u>		
Proceeds from Skating Pond turned over to Athletic Association.....	444.15	
Salaries for 1941-42 advanced.....	1,000.00	
Coal for 1941-1942 bought in advance.....	4,423.90	
Insurance paid in advance.....	670.89	
Haverford College Service Project..... (to be corrected by Donations)	99.47	
Transferred from Centenary Fund to Corporation for deficit.....	<u>11.34</u>	6,649.75
<u>Investments Made</u>		
<u>Consolidated Investments Account</u>		
Bonds - Industrial.....	35,152.42	
Public Utility....	19,050.76	
Railroad.....	24,767.25	
Miscellaneous.....	<u>5,595.00</u>	84,565.43
Preferred Stocks -		
Industrial.....	40,000.00	
Public Utility....	<u>16,861.35</u>	56,861.35
Common Stocks -		
Bank.....	7,643.04	
Industrial.....	47,929.97	
Public Utility....	9,315.65	
Railroad.....	<u>100.00</u>	64,988.66
Mortgages.....		120.00
Real Estate - Foreclosed..	23,520.00	
Charges to Principal....	<u>2,214.91</u>	25,734.91
Miscellaneous.....	<u>2,356.65</u>	234,627.00
<u>John Farnum Memorial Fund.....</u>		<u>4,418.71</u>
<u>Nathan Branson Hill Fund</u>		
(First National Bank & Trust Co. of Minneapolis, Minn. Trustee) Entered Short Investments made \$1,984.94		
<u>Elizabeth H. Farnum Fund</u>		
(Provident Trust Co. of Philadelphia, Pa., Trustee) Entered Short Investments made \$752.56		
<u>Donations A/C - Donated in Shares of Stock</u>	<u>60,000.00</u>	<u>299,045.71</u>
Forward.....		926,193.39

HAVERFORD COLLEGE

Forward.....		\$ 926,193.39
<u>Income transferred to Principal</u>		
Moses Brown Fund.....	1,426.19	
Isaac Thorne Johnson Scholarship Fund.....	23.35	
Mary Farnum Brown Library Fund.....	264.78	
George Peirce Prize Fund.....	<u>32.41</u>	1,746.73
<u>Borrowed Money Repaid.....</u>		19,500.00
(No money owed on loans at end of year)		
<u>Balances 8th Month 31, 1941</u>		
In Treasurer's Account.....	34,909.43	
In President's Account.....	<u>25,586.88</u>	60,496.31
		\$ <u><u>1,007,936.43</u></u>

HAVERFORD COLLEGE

FINANCIAL STATEMENT

For the Year Ending 8th Month 31, 1941

Expenses of Running the College

Regular running expenses as per foregoing statement.....	\$ 421,085.37	
Add coal for 1940-41 bought in advance.....	6,110.40	
Add Insurance bought in advance.....	<u>2,039.20</u>	429,234.97

Add:-

Stork Art Gift Fund - Interest on overdraft not covered by dividends...	1,244.00	
Annuity.....	400.00	
Old Style Pensions.....	27,727.00	
Fourth one-fifth cost of 4000 Volt System.....	<u>1,114.38</u>	<u>30,485.38</u>
Total Operating Expenses.....		459,720.35

Net Cash Receipts at College

As per foregoing statement.....	286,513.97	
Less Room Rents 1941-1942.....	<u>4,425.00</u>	
	282,088.97	
Add Room Rents 1940-41 received last year.....	<u>4,335.00</u>	
	286,423.97	
Add Consideration for Agreement as to Electric Poles.....	<u>1.50</u>	
	286,425.47	
Less Tuition and Board provided by Scholarships		
From Funds.....	15,470.00	
From Donations.....	<u>1,320.00</u>	<u>16,790.00</u>
		269,635.47

Income from Funds and Donations

Applicable to Operating Account (After capitalizing and Special Purposes)			
Income from Funds.....	165,969.40		
Donations for Scholarships.....	1,320.00		
Donations for General Purposes.....	961.34		
Donations toward College Circle Road... (Total cost was \$1433.00)	750.00		
Carnegie Corporation Donation for Music applied to Salary.....	1,800.00		
Loan Fund Repayment.....	<u>3,000.00</u>	<u>173,800.74</u>	<u>443,436.21</u>
Operating Deficit for the Year.....		\$	16,284.14

HAVERFORD COLLEGE

STATEMENT OF DEBT OF THE CORPORATION

8th Month 31, 1941

Debt of the Corporation 9th Month 1, 1940..... \$ 129,949.46

Increased during the year:-

Operating loss for the year.....	16,284.14	
#4 College Circle (Pratt House)		
Purchase and Alterations.....	10,938.46	
New Stack Addition to Library		
Excess of Cost above Donations to date.....	<u>12,323.97</u>	<u>39,546.57</u>

Debt of the Corporation 8th Month 31, 1941

For Accumulated Deficits.....	92,210.23	
For Campus Dwellings:-		
#3 College Circle.....	8,000.00	
Sharpless House.....	14,412.29	
Babbitt House.....	8,203.41	
#1 College Circle.....	14,689.98	
#5 College Circle.....	8,717.69	
#4 College Circle.....	<u>10,938.46</u>	64,961.83
For New Stack Addition to Library.....	<u>12,323.97</u>	

Debt 8th Month 31, 1941 \$ 169,496.03

Note:- The Investment of the Funds in College Lane Real Estate and eight Dwellings remains the same, being \$201,500. in Consolidated Investments Account.

HAVERFORD COLLEGE

REPORT OF FUNDS

	PRINCIPAL				Balance	Net	INCOME		Balance
	Book Value 9/1/40	Increased	Decreased	Book Value 8/31/41	9/1/40	Income	Expended	Special Purposes	8/31/41
Funds for General Purposes									
General Endowment Fund.....	95,445.89	300.00	759.02	94,986.87		3,969.00	3,219.00	750.00 Scholarship	
John Farnum Memorial Fund.....	40,519.56	292.25	2,642.26	38,169.55		1,016.58	2,127.53		
John M. Whitall Fund.....	10,470.14		83.13	10,387.01		434.70	434.70		
David Scull Fund.....	44,090.92		350.08	43,740.84		1,830.59	1,830.59		
Edward L. Scull Fund.....	11,182.83		88.79	11,094.04		464.29	464.29		
Wister Morris Memorial Fund.....	5,062.07		40.19	5,021.88		210.17	210.17		
Israel Franklin Whitall Fund.....	10,609.73		84.24	10,525.49		440.50	440.50		
Jacob P. Jones Endowment.....	1,280,589.24		10,167.75	1,270,421.49		53,168.13	45,218.13	7,950.00 Scholarships	
John Farnum Brown Memorial Fund.....	271,492.98		2,155.63	269,337.35		11,271.98	11,166.98	105.00 Books	
Ellen Waln Fund.....	10,939.53		86.86	10,852.67		454.19	454.19		
Clementine Cope Endowment Fund.....	21,150.36		167.93	20,982.43		878.13	878.13		
Nathen Branson Hill Fund.....	5,119.29	13.97	50.50	5,082.76		156.14	156.14		
Joseph E. Gillingham Fund.....	41,717.57		331.23	41,386.34		1,732.05	932.05	800.00 Scholarships	
Henry Morris Fund.....	5,792.00		45.99	5,746.01		240.48	240.48		
Elizebeth H. Farnum Fund.....	9,635.53			9,635.53		433.77	433.77		
James R. Megee Fund.....	43,464.65		345.11	43,119.54		1,804.59	1,804.59		
Albert K. Smiley Fund.....	1,476.04		11.72	1,464.32		61.28	61.28		
Hinchman Astronomical Fund.....	38,884.32		308.74	38,575.58		1,614.42	1,614.42		
W. D. & E. M. L. Scull Fund.....	171,772.16		1,363.86	170,408.30		7,131.72	6,343.20	193.52 Books 320.00 Rent	275.00
Albin Gerrett Memorial Fund.....	26,343.40		209.16	26,134.24		1,093.74	1,093.74		
Arnold Chase Scattergood Fund.....	23,992.16		190.50	23,801.66		996.12	996.12		
Francis B. Gummere Memorial Fund.....	123,563.86		981.09	122,582.77		5,130.18	5,130.18		
Iseac Sherplees Memorial Fund.....	215,234.81		1,708.94	213,525.87		8,936.22	8,936.22		
General Education Fund.....	124,063.08		985.05	123,078.03		5,150.91	5,150.91		
Centenary Fund.....	235.97		1.87	234.10		9.80	9.80		
William Penn Foundation.....	100,437.17		797.46	99,639.71		4,170.00	4,170.00		
Walter Carroll Brinton Memorial Fund.....	13,900.17		210.37	13,789.80		577.11	577.11		
Corporation Fund.....	78,732.05		625.13	78,106.92		3,268.84	3,268.84		
Elizabeth J. Shortridge Fund.....	9,840.28		78.13	9,762.15		408.55	408.55		
Howard Comfort Memorial Fund.....	4,947.01		39.28	4,907.73		205.39	205.39		
Emme Ridgway Comly Fund.....	49,189.08		390.56	48,798.52		2,042.26	2,042.26		
Ellen W. Longstreth Fund									
In Consolidated a/c.....	98,472.75	667.69	784.50	98,355.94		4,336.74	3,438.08	898.66 Books	
E. W. Longstreth Agency a/c.....	2,024.31		510.27	1,514.04					
Mery Peersall Agency a/c.....	8,891.29		319.86	8,571.43					
Albert L. Bailly Fund.....	4,920.14		39.07	4,881.07		204.31	204.31		
Elizabeth W. Wistar Warner Fund.....	4,870.94		38.67	4,832.27		202.20	202.20		
T. Allen Hilles Bequest.....	276,279.83		2,193.64	274,086.19		11,470.72	10,977.55	493.17 Equipment	
Leonard L. Greif, Jr. and Roger L. Greif Fund.....	984.03		7.81	976.22		40.86	40.86		
Edward M. Wistar Fund.....	2,460.07		19.53	2,440.54		102.14	102.14		
Morris E. Leeds Fund.....		40,000.00	52.93	39,947.07		276.79	276.79		
Fund for T. Wistar Brown Graduate School	\$3,288,797.21				\$3,300,904.27			4,050.00 Scholarships	
Moses Brown Fund.....	343,506.59	1,426.19	2,727.41		342,205.37	14,261.87	5,835.68	550.00 Appropriations 2,400.00 Rent 1,426.19 Capitalized	
Funds for Morris Infirmary									
Infirmary Endowment Fund.....	9,499.25		75.42	9,423.83		394.39	394.39		
John W. Pinkham Fund.....	4,978.69		39.53	4,939.16		206.71	206.71		
Fund for Haverford Union									
Haverford Union Fund.....	14,477.94				14,362.99				
	1,848.81		14.68		1,834.13	76.76	76.76		
Funds for Scholarships									
Thomas P. Cope Fund.....	5,173.84		41.08	5,132.76	90.80	214.81		200.00 Scholarships	105.61
Edward Yarnell Fund.....	5,972.29		47.42	5,924.87	-343.28	247.96			-95.32
Iseiah V. Williamson Fund.....	19,500.87		154.84	19,346.03	-64.06	809.65		500.00 Scholarships	245.59
Forward.....	\$30,647.00	\$3,648,630.55	\$42,700.10	\$32,267.23	\$30,403.66	\$3,659,306.76	\$152,147.74	\$130,663.78	\$20,636.54

HAVERFORD COLLEGE

	PRINCIPAL				Balance 9/1/40	Net Income	INCOME		Balance 8/31/41
	Book Value 9/1/40	Increased	Decreased	Book Value 8/31/41			Expended	Special Purposes	
Forward.....	\$30,647.00	\$3,648,630.55	\$42,700.10	\$32,267.23	\$30,403.66	\$3,659,306.76	\$152,147.74	\$130,663.78	\$20,636.54
Richard T. Jones Scholarship Fund.....	4,975.49		39.50	4,935.99	-24.71	206.57		100.00	Scholarships 81.86
Mary M. Johnson Scholarship Fund.....	6,901.59		54.80	6,846.79	-58.08	286.54		200.00	Scholarships 28.46
Sarah Marshall Scholarship Fund.....	7,793.26		61.88	7,731.38	-26.60	323.56		300.00	Scholarships -3.04
Clementine Cope Fellowship Fund.....	22,480.96		178.50	22,302.46	734.16	933.38		700.00	Scholarships 967.54
Isaac Thorne Johnson Scholarship Fund.....	7,788.11	23.35	61.84	7,749.62		323.35		23.35	Capitalized
								300.00	Scholarships
Casper Wistar Memorial Fund.....	2,904.07		23.06	2,881.01	-128.11	120.57			-7.54
J. Kennedy Moorhouse Scholarship Fund.....	5,073.50		40.28	5,033.22	82.05	210.64		250.00	Scholarships 42.69
Louis Jaquette Palmer Scholarship Fund.....	4,920.14		39.07	4,881.07	-48.25	204.28		150.00	Scholarship 6.03
Paul W. Newhall Memorial Scholarship Fund.....	4,965.01		39.42	4,925.59	-29.66	206.14		125.00	Scholarship 51.48
Robert Martin Zuckert Memorial Scholarship Fund.....	10,596.93	2,500.00	92.41	13,004.52	171.56	483.22		520.00	Scholarship 134.78
Samuel E. Hilles Scholarship Fund.....	4,937.17		39.20	4,897.97	-9.29	204.98		200.00	Scholarship -4.31
Class of 1913 Scholarship Fund.....	2,952.08	116,935.31	23.44	2,928.64	-79.22	122.57		125.00	Scholarship -3.22
Augustus Taber Murray Research Scholarship Fund.....	21,360.00			21,360.00	-509.28	990.54		980.00	Annuity -498.74
<u>Funds for the Library</u>									
Alumni Library Fund.....	17,156.58		136.22	17,020.36		712.32	712.32		
Mary Farnum Brown Library Fund.....	64,271.75	264.78	510.31	64,026.22		2,668.47		2,403.69	Books
								264.78	Capitalized
Wm. H. Jenks Library Fund.....	4,920.14		39.07	4,881.07	-114.46	204.28		82.35	Books 7.47
Mary Wistar Brown Williams Library Fund.....	19,982.39		158.66	19,823.73	223.25	829.64		398.41	Books 654.48
Anna Yarnall Fund									
In Consolidated a/c.....	168,034.29		1,334.18	166,700.11		7,028.74	5,053.90	1,974.84	Books
Agency a/c.....	2,290.00			2,290.00					
F. B. Gummere Library Fund.....	625.32		4.96	620.36	-14.40	25.96		6.33	Books 5.23
Edmund Morris Fergusson, Jr. Memorial Fund.....	986.33		7.83	978.50	25.26	40.95		12.43	Books 53.78
Class of 1888 Library Fund.....	5,658.82		44.93	5,613.89	14.29	234.95			249.24
Class of 1918 Library Fund.....	1,233.50		9.79	1,223.71	-12.69	51.21			38.52
<u>Funds for Old Style Pensions</u>	285,159.12			283,177.95					
President Sharpless Fund.....	40,578.42		322.19	40,256.23		1,684.75	1,684.75		
Wm. P. Henszey Fund.....	36,171.54		287.20	35,884.34		1,501.79	1,501.79		
Jacob P. Jones Benefit Fund.....	67,025.84		532.18	66,493.66		2,782.81	2,782.81		
Pliny Earle Chase Memorial Fund.....	3,219.97		25.57	3,194.40		133.69	133.69		
Haverford College Pension Fund.....	110,251.17		875.38	109,375.79		4,577.45	4,577.45		
<u>Funds for Special Purposes</u>	257,246.94			255,204.42					
Thomas Shipley Fund.....	5,164.18		41.00	5,123.18	668.51	214.41		224.73	Lectures 658.19
Elliston P. Morris Fund.....	1,108.75		8.80	1,099.95	140.73	46.03			186.76
John B. Garrett Reading Prize Fund.....	1,227.94		9.75	1,218.19	984.24	50.98			1,035.22
Special Endowment Fund.....	9,079.69		72.09	9,007.60	516.75	376.97		25.00	Fr.Co. on Educ. 668.72
								200.00	Rel.Educ. Com.
Scholarship Improvement Prize Fund.....	2,260.19		17.95	2,242.24	57.98	93.84		95.00	Prizes 56.82
Elizabeth P. Smith Fund.....	1,010.60		8.02	1,002.58	693.27	41.96			735.23
S. P. Lippincott History Prize Fund.....	2,506.20		19.90	2,486.30	159.86	104.05		84.50	Books 179.41
Francis Stokes Fund.....	5,038.52		40.01	4,998.51	272.93	209.19		25.85	Campus Club 456.27
George Peirce Prize Fund.....	1,984.92	32.41	15.76	2,001.57		82.41		50.00	Prize
								32.41	Capitalized
Lyman Beecher Hall Prize Fund.....	2,120.58		16.84	2,103.74	195.68	88.04		100.00	Prize 183.72
Newton Prize Fund.....	1,375.42		10.92	1,364.50	296.56	57.11		187.68	Books 125.99
								40.00	Prize
Edward B. Conklin Athletic Fund.....	2,361.67		18.75	2,342.92		98.05	98.05		
Arboretum Fund.....	4,514.47		35.84	4,478.63	324.89	187.43		25.86	Campus Club 486.46
Wm. Ellis Scull Prize Fund.....	1,968.06		15.63	1,952.43	-20.38	81.71		50.00	Prize 11.33
Paul D. I. Maier Fund.....	984.03		7.81	976.22		40.86	20.86	20.00	Prizes
Strewbridge Observatory Maintenance Fund.....	3,778.21		30.00	3,748.21	318.09	156.87	56.83		418.13
	46,483.43			46,146.77					
Total of all the Funds	\$4,375,815.35	\$45,520.64	\$37,618.17	\$4,383,717.82	\$4,566.82	\$181,171.00	\$147,286.23	\$30,913.75	\$7,537.84

HAVERFORD COLLEGE

SUMMARY OF THE FUNDS

	Book Value September 1, 1940	Increased	Decreased	Book Value September 1, 1941
Funds for General Purposes.....	\$ 3,288,797.21	\$ 41,273.91	\$ 29,166.85	\$ 3,300,904.27
Fund for T. Wistar Brown Graduate Scholarship.....	343,506.59	1,426.19	2,727.41	342,205.37
Funds for Morris Infirmary.....	14,477.94		114.95	14,362.99
Fund for Haverford Union.....	1,848.81		14.68	1,834.13
Funds for Scholarships.....	138,295.31	2,523.35	936.74	137,881.92
Funds for Library.....	285,159.12	264.78	2,245.95	283,177.95
Funds for Old Style Pensions.....	257,246.94		2,042.52	255,204.42
Funds for Special Purposes.....	46,483.43	32.41	369.07	46,146.77
Total of ALL Funds.....	\$ 4,375,815.35	\$ 45,520.64	\$ 37,618.17	\$ 4,383,717.82

SUMMARY AS TO CONSOLIDATED AND NON-CONSOLIDATED ACCOUNTS

Consolidated Account	\$ 4,285,975.37	\$ 52,761.61	\$ 41,642.47	\$ 4,297,094.51
Non-Consolidated Accounts:-				
John Farnum Memorial Fund.....	40,519.56	292.25	2,642.26	38,169.55
Nathan Branson Hill Fund				
(In care of First National Bank & Trust Co., Minneapolis, Minn.).....	5,119.29	13.97	50.50	5,082.76
Elizabeth Farnum Fund				
(Provident Trust Co., Trustee).....	9,635.53			9,635.53
(Ellen W. Longstreth Agency Account.....	2,024.31		510.27	1,514.04
(Mary Pearsall Agency Account.....	8,891.29		319.86	8,571.43
Both of the above accounts are part of the E. W. Longstreth Fund				
Augustus Taber Murray Research Scholarship Fund.....	21,360.00			21,360.00
Anna Yarnall Fund - Anna Yarnall Agency Account.....	2,290.00	\$ 53,067.83	\$ 45,165.36	\$ 2,290.00
The Book Value increased \$7,902.47 as follows:-				
Donations to Funds		\$ 42,800.00		
Income transferred to Principal		1,746.73		
Gains on securities Called				
Gains on securities Sold		7,752.32	52,299.05	
LESS:-				
Loss on four parcels real estate sold				
Loss on securities Sold				
Loss on securities Called				
Loss on securities Exchanged				
Loss on Perpetual Insurance Correction				
		6.75		
				\$ 44,396.58
				\$ 7,902.47

CLASSIFICATION OF INVESTMENTS
8th Month 31, 1941

	Consolidated Account	Non Consolidated Accounts	Total	%
BONDS				
Government	\$ 52,299.21	8,518.21	60,817.42	
Municipal	2,800.00	10,507.50	13,307.50	
Industrial	61,947.19	927.50	62,874.69	
Public Utility	240,741.90	5,556.91	246,298.81	
Railroad	1,008,526.61	17,495.79	1,026,022.40	
Equipment Trust	0	0	0	
Miscellaneous	23,449.50	0	23,449.50	
	1,389,764.41		43,005.91	1,432,770.32 32.68
PREFERRED STOCKS				
Industrial	101,317.04	0	101,317.04	
Public Utility	215,213.00	0	215,213.00	
Railroad	33,318.35	0	33,318.35	
Miscellaneous	0	0	0	
	349,848.39			349,848.39 7.98
COMMON STOCKS				
Banks & Insurance	248,308.21	0	248,308.21	
Industrial	340,876.02	0	340,876.02	
Public Utility	107,195.31	0	107,195.31	
Railroad	117,721.12	0	117,721.12	
Miscellaneous	9,538.98	0	9,538.98	
	823,639.64			823,639.64 18.79
MORTGAGES				
	604,867.50		19,262.46	624,129.96 14.24
REAL ESTATE				
	689,531.64		22,267.81	711,799.45 16.24
MISCELLANEOUS				
	256,633.53	0		256,633.53 5.85
CASH - due to Funds from Corporation at 4% interest				
	182,809.40		2,087.13	184,896.53 4.22
	4,297,094.51		86,623.31	4,383,717.82 100.00%

NOTE: There are \$69,000 Public Utility bonds not included in the above figures, being holding in C. Wharton Stork Art Gift Fund, which is not included in the Funds. This Fund also has an overdraft in Principal cash of \$45,800.

The net income return after allowing commission to our fiscal agent was 4.13% on book value at the end of the year.

Haverford College

ROY A. WRIGHT & COMPANY

CERTIFIED PUBLIC ACCOUNTANTS

1530 CHESTNUT STREET

PHILADELPHIA, PA.

ROY A. WRIGHT, C. P. A.

RITTENHOUSE 3827

GEORGE W. MIHOK

P. J. VAN BILLIARD

September 27, 1941

Board of Managers,
The Corporation of Haverford College,
Haverford, Pennsylvania

Dear Sirs:

We have examined the accounts of your Treasurer,
J. Henry Scattergood, for the fiscal year ended August 31,
1941.

Cash balances were verified by direct correspondence
with your depository. The securities held by the Provident
Trust Company of Philadelphia were examined by us, while
those held by the Girard Trust Company and the First National
Bank & Trust Company of Minneapolis, Minnesota, were
certified to us by them, and were found to be in accordance
with the Treasurer's report.

In our opinion, the accompanying statements set
forth the result of operation of the Corporation of Haverford
College for the fiscal year ended August 31, 1941.

Very truly yours,



Certified Public Accountant

HAVERFORD COLLEGE

DONATIONS FOR ADDITIONS TO FUNDS

GENERAL ENDOWMENT FUND

Aubrey C. Dickson, Jr.)) in memory of their Father, Aubrey C. Dickson '06	\$ 300.00
Bertina Dickson		
Wallace Dickson		

ROBERT MARTIN ZUCKERT MEMORIAL SCHOLARSHIP FUND

Harry M. Zuckert	2,500.00
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CENTENARY FUND

Class of 1917	11.34
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MORRIS E. LEEDS FUND

Morris E. Leeds	<u>40,000.00</u>	\$ 42,811.34
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HAVERFORD COLLEGE

DONATIONS FOR CURRENT PURPOSES

FOR PRIZES

Class of 1902, through Edward W. Evans, for Latin Prize.....	\$ 10.00		
Class of 1910, through Harrison Hires, for Poetry Prize.....	<u>50.00</u>	\$	60.00

FOR BOOKS

Matzke Royalties.....	44.46		
Dr. H. S. Arthur.....	<u>400.00</u>		444.46

FOR MUSIC & FINE ARTS

Carnegie Corporation of New York.....			8,000.00
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FOR ORGAN FOR ROBERTS HALL

Conrad Acton.....	10.00		
Joshua L. Baily, Jr.	50.00		
Francis K. Carey.....	5.00		
Frederic O. Curtis.....	5.00		
H. S. Drinker, Jr.	150.00		
A. S. Dulaney.....	5.00		
L.L. & R.L. Greif.....	30.00		
B. B. Hyde.....	5.00		
Mrs. E. P. Katz.....	50.00		
Mennis Lawson.....	5.00		
Isaac C. Lycett.....	25.00		
J. H. Parker.....	5.00		
Dr. P. P. Steptoe.....	10.00		
J. Stogdell Stokes.....	25.00		
T. Tyson Stokes.....	25.00		
Dr. O. M. Thomas, Jr.	10.00		
D. B. VanHollen.....	5.00		
Caleb Winslow.....	5.00		
G. Cheston Carey.....	25.00		
Frederic P. Stiff, Jr.	25.00		
Organ lessons.....	<u>36.12</u>		511.02

FOR RADIO CLUB

Interest added.....			63.40
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FOR SCHOLARSHIPS

New England Alumni.....	300.00		
New York Alumni.....	150.00		
Haverford College Community Chest.....	260.00		
Triangle Society.....	125.00		
Beta Rho Sigma Society.....	250.00		
Chester Monthly Meeting.....	75.00		
For Special Scholarships 1940-41			
Anonymous.....	300.00		
A. G. Scattergood....	50.00		
Elias Ritts.....	20.00		
S. Emlen Stokes.....	10.00		
Jonathan M. Steere....	25.00		
Thomas Wistar.....	50.00		
C. C. Morris.....	25.00		
Owen B. Rhoads.....	15.00		
J. Henry Scattergood..	<u>25.00</u>	<u>520.00</u>	<u>1,680.00</u>
Forward.....		\$	10,758.88

HAVERFORD COLLEGE

Forward.....		\$ 10,758.88
<u>FOR BIRD SANCTUARY</u>		
Edward Woolman.....		55.00
<u>FOR CARE OF COPE FIELD</u>		
Through Alfred G. Scattergood.....		25.00
<u>FOR BETH SHEMESH EXPLORATION FUND</u>		
Dr. Elihu Grant.....		280.00
<u>FOR STUDENT LOAN FUND</u>		
Class of 1911.....		28.85
<u>FOR GENERAL PURPOSES</u>		
Mrs. Felix Morley.....	50.00	
A Friend.....	400.00	
Charles J. Rhoads.....	<u>500.00</u>	950.00
<u>FOR ROAD IMPROVEMENT AROUND COLLEGE CIRCLE</u>		
Frederic H. Strawbridge.....	500.00	
Arthur H. Thomas.....	<u>250.00</u>	750.00
<u>FOR PUBLICITY FUND</u>		
Alumni Association, thru Howard Burtt, President.....		250.00
<u>FOR SPEAKERS AT COLLECTION</u>		
Clarence G. Hoag.....	5.00	
Charles J. Rhoads.....	15.00	
Edward Woolman.....	10.00	
Arthur H. Thomas.....	25.00	
Morris E. Leeds.....	<u>25.00</u>	80.00
<u>FOR EMERGENCY AID TO PROFESSORS</u>		
Henry S. Drinker.....		200.00
<u>FOR AID & RECONSTRUCTION COUNCIL</u>		
Miss Margaret Scattergood.....		15.00
<u>FOR PRATT HOUSE rental pending purchase</u>		
Mrs. Helen Cadbury Bush.....	29.47	
J. Henry Scattergood.....	<u>20.53</u>	50.00
<u>FOR FIELD HOUSE</u>		
Class of 1941, thru Gerritt L. Ewing.....		148.00
(2 U. S. Defense Bonds)		
<u>FOR SCIENTIFIC PROMOTION FUND</u>		
Dr. George A. Hillman.....		<u>100.00</u>
Forward.....		\$ 13,690.73

HAVERFORD COLLEGE

Forward.....	\$ 13,690.73
<u>FOR SPECIAL PURPOSES to be designated</u>	

Morris E. Leeds.....	65,198.00
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FOR CAMPUS CLUB

Prof. & Mrs. C. B. Allendoerfer.....	\$ 2.00
Mrs. E. Page Allinson.....	5.00
Mr. Howard A. Andrews.....	1.00
Dr. & Mrs. James A. Babbitt.....	5.00
Mr. Albert Baily, Jr.	15.00
Mrs. H. L. Balderston.....	1.00
Mr. Wilfred Bancroft.....	5.00
Mr. T. Ellis Barnes.....	5.00
Mr. Daniel B. Boyer.....	2.00
Mr. Samuel T. Brinton.....	2.00
Mr. H. Tatnall Brown, Jr.	2.00
Prof. & Mrs. W. E. Cadbury, Jr.	2.00
Mr. & Mrs. W. B. Clement.....	3.00
Mr. & Mrs. R. C. Cocks.....	2.00
Mrs. Julia Cope Collins.....	2.50
Mr. Aubrey C. Dickson, Jr.	3.00
Mr. Harry A. Dominocovich.....	1.00
Mr. H. S. Drinker, Jr.	5.00
Prof. & Mrs. E. R. Dunn.....	2.00
Mrs. Sydney B. Dunn.....	25.00
Mr. Charles Evans.....	5.00
Mr. Francis C. Evans.....	2.00
Mr. William T. Ferris.....	5.00
Mr. John S. Garrigues.....	2.00
Mr. & Mrs. H. V. Gummere.....	2.00
Mr. & Mrs. John F. Gummere.....	2.00
Mr. Richard M. Gummere.....	1.00
Mr. Marshall C. Guthrie, Jr.	3.00
Mr. & Mrs. A. W. Haddleton.....	2.00
Prof. & Mrs. H. K. Henry.....	5.00
Prof. & Mrs. T. B. Hetzel.....	5.00
Mr. Walter Hollander, Jr.	2.00
Prof. & Mrs. Clayton W. Holmes.....	1.00
Mr. & Mrs. R. J. Johnston.....	5.00
Prof. & Mrs. Rufus Jones.....	5.00
Prof. John A. Kelly.....	5.00
Mrs. Rayner W. Kelsey.....	2.00
Mr. Morris E. Leeds.....	25.00
Mr. M. A. Linton.....	5.00
Mr. M. A. Linton, Jr.	2.00
Mr. John C. Lober.....	5.00
Prof. & Mrs. D. P. Lockwood.....	2.00
Mr. George B. Mathues.....	1.00
Mr. Robert E. Miller.....	4.00
Mr. Walter L. Moore.....	1.00
President & Mrs. Felix Morley.....	3.00
Mr. C. C. Morris.....	10.00
Mr. Marriott C. Morris.....	5.00
Mr. William P. Morris.....	5.00
Mr. John W. Muir.....	1.00
Mr. George Norris.....	1.00
Prof. & Mrs. Frederic Palmer.....	2.00
Dr. Thomas Parke.....	2.00
Prof. & Mrs. L. A. Post.....	2.00

Forward.....	\$ 220.50	
Forward.....		\$ 78,888.73

HAVERFORD COLLEGE

Forward.....

\$ 78,888.73

FOR CAMPUS CLUB (continued)

Forward.....	\$ 220.50
Mr. & Mrs. G. R. Rebmann.....	10.00
Prof. & Mrs. L. W. Reid.....	5.00
Mr. Charles S. Ristine.....	5.00
Prof. & Mrs. L. H. Rittenhouse.....	2.00
Mrs. A. B. Robinson.....	5.00
Miss Lillian A. Ross.....	1.00
Mr. A. G. Scattergood.....	5.00
Mr. J. Henry Scattergood.....	10.00
Dr. Frederic C. Sharpless.....	5.00
Mr. John A. Silver.....	25.00
Mr. Laird H. Simons, Jr.	100.00
Mr. & Mrs. A. K. Smiley.....	10.00
Mr. & Mrs. A. K. Smiley, Jr.	2.00
Mr. Daniel Smiley, Jr.	20.00
Mr. J. M. Steere.....	10.00
Mr. Frederic H. Strawbridge.....	25.00
Prof. & Mrs. R. M. Sutton.....	2.00
Mr. A. G. Tatnall.....	5.00
Mr. & Mrs. Francis R. Taylor.....	2.00
Mr. Hubert R. Taylor.....	1.00
Mr. W. Wyclif Walton.....	5.00
Mrs. E. O. Warner.....	6.00
Prof. A. J. Williamson.....	2.00
Mr. & Mrs. William M. Wills.....	2.00
Prof. & Mrs. A. H. Wilson.....	6.00
Mr. Thomas Wistar.....	5.00
Mr. Robert B. Wolf.....	2.00
Mr. W. F. Wolff.....	1.00
Mr. & Mrs. Edward Woolman.....	60.00
Mr. Gifford K. Wright.....	5.00
Mr. W. S. Yarnall.....	1.00
Sale of plants & trees.....	268.50

834.00

FOR NEW STACKS ADDITION TO LIBRARY

Class of 1890

Jonathan M. Steere..... 200.00

Class of 1905

Charles A. Alexander.....	\$ 30.00
William A. Battey.....	25.00
Thomas S. Bausman.....	10.00
Sydney M. Boker.....	50.00
Charles S. Bushnell.....	20.00
Benjamin Eshleman.....	75.00
Dr. Arthur Hopkins.....	255.00
Charles S. Lee.....	10.00
Glyndon Priestman.....	10.00
Elias Ritts.....	100.00
Leslie B. Seely.....	25.00
Sigmund Spaeth.....	25.00
Chester J. Teller.....	5.00
	640.00

Forward..... \$ 840.00

Forward.....

\$ 79,722.73

HAVERFORD COLLEGE

Forward.....			\$ 79,722.73
<u>FOR NEW STACKS ADDITION TO LIBRARY (continued)</u>			
Forward.....	\$	840.00	
Class of 1910			
E. Nelson Edwards.....	\$	100.00	
George A. Kerbaugh.....		150.00	
Eugene R. Zieber.....		<u>50.00</u>	300.00
Class of 1915			
G. Cheston Carey.....		25.00	
Helen J. Helveston.....		5.00	
Dr. Felix Morley.....		150.00	
C. Brinkley Turner.....		5.00	
Walter E. Vail.....		10.00	
Donald B. VanHollen.....		<u>5.00</u>	200.00
Class of 1925			
Charles H. Johnson, Jr.		25.00	
Dr. Phillips Johnson.....		10.00	
William D. Rogers.....		10.00	
Stanley E. Willey.....		<u>25.00</u>	70.00
Emmett R. Dunn.....			10.00
Charles Evans.....			100.00
Edward W. Evans.....			100.00
Dr. Elihu Grant.....			100.00
J. S. C. Harvey, Jr.			500.00
Margaretta S. Hinchman.....			25.00
M. Albert Linton.....			100.00
William H. Luden.....			1,000.00
William M. Maier.....			100.00
Christopher C. Morris.....			500.00
William P. Morris.....			25.00
Frederic Palmer.....			500.00
Dr. L. W. Reid.....			50.00
Mr. & Mrs. George S. Robbins.....			100.00
Alfred G. Scattergood.....			1,200.00
J. Stogdell Stokes.....			100.00
A. H. Thomas.....			1,000.00
Thomas Wistar.....		<u>500.00</u>	
			<u>7,420.00</u>
	\$		87,142.73

HAVERFORD COLLEGE

REPORT OF HAVERFORD COLLEGE LOAN FUND

Established 1926

Report No. 15

August 31, 1941

Current Year 1940-41

Cash balance on hand, August 31, 1940.....	\$ 8,141.50
27 Loans repaid during year.....	3,076.25
19 part payments on loans during year.....	1,525.83
Interest received during year.....	994.46
Donation, Class of 1911.....	28.85
3rd payment of Merion Title & Trust Co. (12/31/40).....	42.06
Remainder of funds in Merion Title & Trust Co.	672.94
	\$ 14,481.89

28 loans during year.....	\$ 3,675.00
Repayment to Corporation.....	3,000.00
Funds in Merion Title & Trust Co.	672.94
	7,347.94

Cash balance on hand, August 31, 1941.....	7,133.95
180 loans outstanding, August 31, 1941.....	31,463.85

Total resources, August 31, 1941.....	\$ 38,597.80
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Total to August 31, 1941

Appropriations from Jacob P. Jones Endowment Fund.....	\$ 20,812.04
1st donation from Class of 1911.....	641.30
2nd donation from Class of 1911.....	137.90
3rd donation from Class of 1911.....	28.85
Donation from Class of 1929.....	350.27
Donation from A. R. Katz.....	500.00
Donation from Class of 1927.....	900.00
Donation from Class of 1908.....	1,507.96
Gift from C. C. Morris.....	50.00
Gift from John Charles.....	300.00
Gift, Anonymous.....	500.00
Gift, Anonymous.....	2,000.00
Gift, Haverford Society of Maryland.....	100.00
Gift, Dr. H. S. Arthur.....	300.00
221 loans repaid.....	32,071.90
242 part payments.....	9,331.34
Interest received.....	9,492.74
1st payment of Merion Title (2/28/33).....	\$ 42.06
2nd payment of Merion Title (1/4/35).....	84.12
3rd payment of Merion Title (12/31/40).....	42.06
	168.24

Total Receipts.....	\$ 79,192.54
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1st Repayment to Corporation (7/28/39).....	\$ 3,000.00
2nd Repayment to Corporation (5/31/41).....	3,000.00
Loans made.....	64,315.75
Repayment of donation, Class of '27.....	900.00
Original funds in Merion Title.....	841.18
Check Tax.....	1.66
	72,058.59
Cash balance, August 31, 1941.....	7,133.95
180 loans outstanding, August 31, 1941.....	31,463.85

Total resources, August 31, 1941.....	\$ 38,597.80
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ENDOWMENT FUNDS

FUNDS FOR GENERAL PURPOSES

GENERAL ENDOWMENT FUND

Founded in 1847 with subscriptions of \$50,000 by a number of Friends. Additions were made as follows: 1868, from an anonymous source, \$5,000; 1869, bequest of Ann Haines to increase the compensation of professors, \$2,670; 1870, bequest of Richard D. Wood, \$18,682.96; 1872, from William Evans, \$1,000; 1874, from executors of Jesse George, deceased, \$5,000; 1880, bequest of Dr. Joseph W. Taylor, \$5,000; 1901, legacy of Ann Williams, \$2,425.50; 1941, from children of Aubrey C. Dickson in his memory, \$300. Present book value, \$94,986.87. The income is used for salaries and scholarships.

JOHN FARNUM MEMORIAL FUND

Founded in 1878 by the heirs of John Farnum by gift of \$25,000 as a memorial to him. Added to in 1899 by legacy of \$10,000 from Elizabeth H. Farnum, widow of John Farnum. Present book value, \$38,169.55. The income only is to be used to endow a "professorship of some practical science or literature." The chair of chemistry was designated as the "John Farnum Professor of Chemistry." The principal is held in the name of three Trustees for the benefit of The Corporation of Haverford College.

JOHN M. WHITALL FUND

Founded in 1880 by bequest of \$10,000 from John M. Whitall, Sr. Present book value, \$10,387.01. The bequest is upon the condition that the art of drawing, especially mechanical drawing, shall be taught, and the income only is to be used, and for this purpose.

DAVID SCULL FUND

Founded in 1885 by bequest of \$40,000 from David Scull, Sr. Present book value, \$43,740.84. The income only is to be used to endow a professorship. The chair of biology was designated as the "David Scull Professor of Biology."

EDWARD L. SCULL FUND

Founded in 1865 by net bequest of \$9,500 from Edward L. Scull, '64. The legacy was added to the General Endowment Fund, but in 1888 it was set apart as a separate fund. Present book value, \$11,094.04. The income only is to be used. The bequest is free from any legally binding conditions, but it was the testator's desire "that some judicious means shall be employed by the Managers to further advise students on the subjects of diet and reading."

WISTAR MORRIS MEMORIAL FUND

Founded in 1892 by gift of \$5,000 in bonds by Mary Morris, widow of Wistar Morris, as a memorial to him. Present book value, \$5,021.88. There are no restrictions. The income is used for general college purposes.

ISRAEL FRANKLIN WHITALL FUND

Founded in 1896 by net legacy of \$9,667.83 from Israel Franklin Whitall. Present book value, \$10,525.49. The income only is to be used for the payment of professors or teachers.

HAVERFORD COLLEGE

JACOB P. JONES ENDOWMENT FUND

Founded in 1897 by residuary legacy of Jacob P. Jones. This amounted when received to par value of \$279,021.60; book value, \$332,301.60, and sundry real estate. The real estate has all been sold, netting \$847,709.92. Present book value, \$1,270,421.49. The income only is to be used for general college purposes, and out of said income there shall be admitted a portion at least of the students either free of charge or at reduced rates. In accordance with this provision, about \$7,100 per annum is used for scholarships, and the balance of income for general college purposes. Jacob P. Jones' will contains the following: "My hope is that under the blessing and favor of God there will come from this source a revenue which shall be productive of growth and vigor in the institution as well as help at this critical period of their lives to many deserving young men of slender patrimony."

JOHN FARNUM BROWN FUND FOR THE STUDY OF THE BIBLE, BIBLICAL HISTORY AND LITERATURE, PHILOSOPHY, AND KINDRED SUBJECTS

Founded in 1900 by the late T. Wistar Brown as a memorial to his son, John Farnum Brown, '93. The original gift was in cash and securities of a par value of \$43,000, shortly afterwards increased by further gifts of \$15,000. The founder made further gifts of cash and securities until 1915, the total being \$19,381 cash and \$48,500 par of securities with book value of \$41,490. His total gifts therefore had a book value of \$234,970.81. Of this, \$5,000 donated in 1910 is for endowment of prizes in Biblical History and in Philosophy. A portion of the income was capitalized each year to keep intact the full value of the fund until 1940 when this fund was included in the Consolidation of funds. Present book value, \$269,337.35. The income only is to be used for the purpose of making provision for the regular study of the Bible and Biblical History and Literature, and as way opens for religious teaching. In 1910, the scope and title of the Fund were enlarged to include "and Philosophy and Kindred Subjects." Income up to \$200 may be used for prizes in Biblical Literature and Philosophy.

ELLEN WALN FUND

Founded in 1900 by legacy of \$10,000 from Ellen Waln. Present book value, \$10,852.67. There are no restrictions. The income is used for general college purposes.

CLEMENTINE COPE ENDOWMENT FUND

Founded in 1904 by bequest of \$25,000 from Clementine Cope. Present book value, \$20,982.43. There are no restrictions. The income is used for general college purposes.

NATHAN BRANSON HILL TRUST

Founded in 1904 by deposit with First National Bank and Trust Co., Minneapolis, Minn., trustee, of a paid-up life insurance policy for \$5,000 by Samuel Hill, '78, being in memory of his father, Nathan Branson Hill. The income is to be used to aid the maintenance of Haverford College so long as it shall remain under the auspices of the Society of Friends. In 1931, Samuel Hill died and the policy realized \$5,039. Present book value, \$5,082.76.

JOSEPH E. GILLINGHAM FUND

Founded in 1907 by bequest of \$50,000 from Joseph E. Gillingham. Present book value, \$41,386.34. The testator said, "I request, but I do not direct, that part of the income of this legacy may be used for free scholarships for meritorious students." In accordance with this request, \$800 is appropriated annually from the income for scholarships, the balance being used for general college purposes.

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HENRY NORRIS FUND

Founded in 1907 by bequest of \$5,000 from Henry Norris. Present book value, \$5,746.01. There are no restrictions. The income is used for general college purposes.

ELIZABETH H. FARNUM FUND

Founded in 1891. The original principal of this fund, amounting to \$10,000, is held by the Provident Trust Co. of Philadelphia under a deed of trust created by Elizabeth H. Farnum. The first income accrued to the College in 1914. Present book value, \$9,635.53. There are no restrictions to the use of the income, and same is applied to general college purposes.

JAMES R. MAGEE FUND

Founded in 1915 by bequest of \$10,000 from James R. Magee, '59, and added to in 1925, 1926, 1928, 1929, 1930, 1931, 1932, 1936, 1937, and 1940 by additional payments of \$29,182.84, \$1,694.84, \$499.31, \$499.68, \$488.85, \$207.33, \$400, \$250 and \$100 under his legacy. Present book value, \$43,119.54. There are no restrictions except that the income only is to be used. This is applied to general college purposes.

ALBERT K. SMILEY FUND

Founded in 1915 by gift of \$1,000 from Daniel Smiley, '78, as a memorial to his brother, Albert K. Smiley, '49, and added to in 1924 and 1926. Present book value, \$1,464.32. There are no restrictions except that preference was expressed that the income only should be used. This is applied to general college purposes.

THE HINCHMAN ASTRONOMICAL FUND

Founded in 1917 by bequest of \$10,000 par value securities from Charles S. Hinchman. Increased in 1928, 1929, 1930, 1931, 1932, 1933, 1934, 1935, and 1936 by donations of \$28,926.95 from a friend of the College. Present book value, \$38,575.58. The income only to be used "to increase the salary of the astronomical professorship so as to provide a suitable instructor in the ennobling study of the heavens."

WALTER D. AND EDITH M. L. SCULL FUND

Founded in 1918 by bequest of Walter D. Scull, whose death followed shortly after the death of his sister, Edith M. L. Scull. Each left his or her estate to the other, unless predeceased; in this latter case both American estates were left to Haverford College. Both were children of Gideon D. Scull, '43, and resided in England. Income accumulated before the receipt of the fund by the College amounted to \$16,887.66, of which \$15,078.51 was added to the principal of the fund. Present book value, \$170,408.30. The fund was created to establish a professorship of modern English constitutional history, and the chair has been designated as the Walter D. and Edith M. L. Scull Professorship of History.

ALBIN GARRETT MEMORIAL FUND

Founded in 1919 by legacy of \$25,000 from Mary Hickman Garrett, in memory of her late husband, Albin Garret, '64. Present book value, \$26,134.24. There are no restrictions. The income is used for general college purposes.

ARNOLD CHASE SCATTERGOOD MEMORIAL FUND

Founded in 1919 by gift of \$30,000 in securities from Maria Chase Scattergood in memory of her son, Arnold Chase Scattergood, of the Class of 1919, who died in his Junior year. Present book value, \$23,801.66. The income only is to be used toward the payment of professors' salaries. Should Haverford at any time in the

HAVERFORD COLLEGE

future give instruction or offer courses in Military Training, the fund must be surrendered to Committee on Education of Yearly Meeting of Friends of Philadelphia.

FRANCIS B. GUMMERE MEMORIAL FUND

Founded in 1920. This fund was started by a gift of \$25,000 from the late Miss Emily H. Bourne, of New York, conditional upon the raising of \$100,000 additional for an endowment of the Chair of English Literature in memory of her friend, Professor Francis Barton Gummere. A committee of alumni, consisting of J. Stogdell Stokes, '89, chairman; E. R. Tatnall, '07, treasurer; Hans Froelicher, '12, secretary; Charles J. Rhoads, '93; Alfred M. Collins, '97; Winthrop Sargent, Jr., '08, and Parker S. Williams, '94, working with President Comfort, organized a comprehensive campaign among the alumni and friends of the College to raise \$375,000 for this purpose and for increase of professors' salaries; the first \$100,000 of unspecified gifts was used to complete the Francis B. Gummere Memorial Fund to at least \$125,000, and the balance comprised the Isaac Sharpless Memorial Fund. Total, book value, \$122,582.77.

ISAAC SHARPLESS MEMORIAL FUND

Founded in 1920. The alumni of the College conducted during 1920 a campaign for \$375,000 additional endowment for the College to make possible additional salaries to the professors. Appeal was made to found two new funds, the Francis B. Gummere Memorial Fund and the Isaac Sharpless Memorial Fund. The funds received, except where otherwise specified, were first applied to the completion of the former up to \$125,000 (see above). Specified gifts and donations thereafter received were then applied to the Isaac Sharpless Memorial Fund. The income only is to be used for salaries of professors. Total book value, \$213,525.87.

GENERAL EDUCATION BOARD FUND

The General Education Board of New York appropriated \$125,000 in 1920 to the campaign for increase of endowment when the Francis B. Gummere Memorial Fund and the Isaac Sharpless Memorial Fund, totaling \$375,000, were raised. Interest at five per cent was paid on the full sum for three years, and the \$125,000 in full payment was completed in 1926-1927. Total book value, \$123,078.03.

HAVERFORD IMPROVEMENT FUND

Founded in 1922 to hold the Corporation's undivided share in College Lane land and eight houses. This property was turned over to the Corporation free of debt on Third Month 17, 1922, and with same the then debt of the Corporation amounting to \$155,942.15 was liquidated. The fund started with an undivided interest of \$19,000. There was added in 1922, \$9,000; and in 1925, \$2,000. In 1926, \$5,000 of this fund was sold and the proceeds were appropriated for the alterations to Roberts Hall. The balance of this fund, \$25,000, was also used in 1927 for the same purpose. The income was used for general college purposes. It is hoped that this fund may be refunded from the Centenary Campaign, a part of which was planned to cover the Roberts Hall alterations.

The College Lane land was purchased in 1886 for the benefit of the College by David Scull, Justus C. Strawbridge, Richard Wood and Francis Stokes, Managers of the College and now all deceased. With contributions raised by them and by mortgages on which they went on the bonds, funds were raised to build six dwelling houses, and two houses were built by the Corporation itself. From the income of the houses the debt against the properties was gradually reduced until it was entirely liquidated in 1919. The net income from 1919 until 1922, when the property was turned over to the Corporation, was applied toward the reduction of the Corporation's debt.

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CENTENARY FUND

Centenary Fund (1) was founded in 1926 by gifts to the College in anticipation of the one hundredth anniversary of its founding in 1833. There were no restrictions and the income was used for general college purposes until 1935, when the principal was used in the liquidation of debt.

In 1935 a further campaign among the Alumni was conducted under the direction of William M. Wills, '04, to add to the funds raised in commemoration of the Centenary. This was designated as Centenary Fund (2), but in 1935-1936 the payment of pledges to (1) were merged with (2) at the request of donors, and the two accounts are now considered as one.

During 1936-1937, \$9,000 additional donations were made by members of the Strawbridge family, and of these \$3,372.63 were transferred for the final cost of the William J. Strawbridge '94 Memorial Astronomical Observatory, and \$5,627.37 were set aside to establish the Strawbridge Observatory Maintenance Fund. Other additional gifts of \$16,017.04 were made in 1936-1937, \$7,700 in 1937-1938, \$2,150 in 1938-1939, and \$15 in 1939-1940 bringing the totals contributed to both funds to date, for the Observatory \$47,000, and for other uses \$145,947.55.

From the \$16,017.04, together with \$1,550 realized from a previous gift of an investment, the balance of the debt for pension contributions \$12,022.57 was met, \$5,544.47 was applied to the debt for accrued deficits, \$7,700 was applied to the operating year 1937-1938, and \$2,150 to that of 1938-1939, \$15.00 to that of 1939-1940, and \$11.34 for 1940-1941.

There remains one investment in this fund not yet realized upon with a book value of \$234.10.

WILLIAM PENN FOUNDATION

Started in 1926 toward a fund of \$120,000 to establish a chair or lectureship in Political Science and International Relations. This fund forms a part of the Centenary program to raise \$1,000,000. This foundation is to be devoted, at the discretion of the Managers, to providing adequate undergraduate instruction in the theory and practice of our own and other governments, in the history of past attempts to secure international agreements and in the methods by which good international understanding may be promoted and maintained. Book value to date, \$99,639.71.

WALTER CARROLL BRINTON MEMORIAL FUND

Founded in 1920 by gift of \$5,000 by the family of Walter Carroll Brinton, Class of 1915, who died in France Twelfth Month 8, 1918, while engaged in Friends' Reconstruction Work. The fund sustained the Walter Carroll Brinton Scholarship until 1926-1927. It was then increased \$6,000 by further gifts of the founders, and at their request the purpose was changed from a scholarship fund to form a separately named fund of the William Penn Foundation, with its income to be used for the same objects. Present book value, \$13,789.80.

CORPORATION FUND

Founded in 1928 by setting aside \$70,000 of proceeds from sale of 5.811 acres of land on the southern boundary and at the southeastern corner of the College farm. In 1937, the fund was increased \$8,810, being proceeds of the sale of 1.762 acres of land to the Philadelphia Skating Club and Humane Society for their new ice skating rink. Present book value, \$78,106.92. The fund is invested and the income used for general college purposes, until otherwise directed by the Managers.

ELIZABETH J. SHORTRIDGE FUND

Founded in 1930 by bequest from Elizabeth J. Shortridge, without restrictions. The fund is invested, and until otherwise directed by the Managers, the income only is used for general purposes. Present book value, \$9,762.15.

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HOWARD COMFORT MEMORIAL FUND

Founded in 1934 and added to in 1935, 1936, and 1937 by donations totaling \$5,000 from President William Wistar Comfort in memory of his father, Howard Comfort, Class of 1870, who was a Manager from 1880 until his death in 1912, and Secretary of the Board of Managers from 1884 until 1908. The income only is to be used, and for general purposes. Present book value, \$4,907.73.

EMMA RIDGWAY COMLY FUND

Founded 1935 by bequest of \$50,000 from Emma Ridgway Comly, a Philadelphia Friend. The bequest was unrestricted as to both principal and income. The income is used for general purposes. Present book value, \$48,798.52.

ELLEN W. LONGSTRETH FUND

Founded 1935 by bequest of \$20,000 and her residuary estate from Ellen W. Longstreth, a Friend belonging to Haverford Meeting, and living in Bryn Mawr. The principal and income are both unrestricted. The bequest of \$20,000 and \$84,416.28 in 1935-1936, \$3,338.69 in 1936-1937, and \$73.33 in 1938 from the residuary estate have been received, making \$107,828.30 in all. There are some parcels of real estate not yet liquidated, which will somewhat increase this fund. The income is used for general purposes. Present book value, \$108,441.41.

ALBERT L. BAILY FUND

Founded in 1936 by an unrestricted bequest of \$5,000 from Albert L. Baily, '78. The income is used for general purposes. Present book value, \$4,881.07.

ELIZABETH B. WISTAR WARNER FUND

Founded First Month 16, 1937, by unrestricted bequest of \$4,950 from Elizabeth B. Wistar Warner, of Germantown, widow of George M. Warner, '73. The income is used for general purposes. Present book value, \$4,832.27.

T. ALLEN HILLES BEQUEST

Founded First Month 19, 1937, by receipt of the proceeds of a trust fund created in 1935 by T. Allen Hilles, class of-1870, formerly of Wilmington, Delaware, recently of Glen Mills, Pa., who died 11th Month 15, 1935. The amount received in stocks and cash was \$285,000. Proceeds of mortgages of \$7,460.94 in 1938, and final cash from executor in 1939 of \$1,603.37 brought the gross total to \$294,064.31. From this was deducted in 1939 the final settlement of taxes and fees totalling \$13,300, thus making the final net bequest \$280,764.31. Accumulated income of \$12,489.77 was also received on First Month 19, 1937. In the trust created by the donor in 1935 he provided: "The gift to Haverford College shall constitute a fund to be known as 'The Hilles Bequest,' and the income shall be used for repair, upkeep and improvement of the building which I have given to Haverford College known as the Hilles Laboratory of Applied Science of Haverford College. My purpose in making this gift is primarily to relieve the Corporation of Haverford College from any additional expense on account of the erection of the building which I have given them, and the accompanying expansion of its educational activities, but whenever and if the Board of Managers or other governing body of the College shall determine it to be for the best interest of the College to devote the whole or any part of the income of the fund to uses other than those above specified, such income may be applied to such uses and in such manner as the Board of Managers or other governing body may in its absolute discretion determine." Present book value, \$274,086.19.

LEONARD L. GREIF, JR., AND ROGER L. GREIF FUND

Founded Ninth Month 29, 1937, by gift of \$1,000 from Leonard L. Greif, '34, and Roger L. Greif, '37, of Baltimore. The gift was unrestricted, but the Managers have set aside this fund as endowment for general purposes, the income only to be used, until otherwise determined by them. Present book value, \$976.22.

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EDWARD M. WISTAR FUND

Founded First Month 9, 1938, by gift of \$2,500 from Edward M. Wistar. '72. for endowment, the income only to be used for general purposes. Present book value, \$2,440.54.

MORRIS E. LEEDS FUND

Founded Sixth Month 26, 1941, by gift of 400 Participating Shares of Leeds and Northrup Stock Trust. The fund is unrestricted as to principal and interest, but was ordered by the Managers, until otherwise directed, to be included among the funds for General Purposes, the income only to be used. Present book value, \$39,947.07. This fund is subject to an annuity of \$1600, during the life of its donor.

FUND FOR GRADUATE SCHOOL

MOSES BROWN FUND

A trust founded by T. Wistar Brown, in 1906, as a memorial to his father, Moses Brown. Transferred to the College in 1916 after his death, having at that time a par value of \$372,821.91 and book value of \$318,823.56. Present book value, \$342,205.37. The fund was created to establish a graduate course in religious study in harmony with and supplementary to the teaching and study provided for by the John Farnum Brown Fund. The income only is to be used; at least ten per cent of the total income must be capitalized each year. The unused income, if any, is likewise capitalized at the close of each fiscal year. The graduate school supported by the Moses Brown Fund was designated "The Thomas Wistar Brown Graduate School." In 1927 the former separate school was discontinued and eight graduate scholarships were created.

In 1937-1938, arrangements were first made for cooperation in courses with Pendle Hill, a school for religious education, located at Wallingford, Pa.

FUNDS FOR INFIRMARY

INFIRMARY ENDOWMENT FUND

Founded in 1911 from subscriptions totaling \$9,072.55, raised among alumni and friends of the College. Present book value, \$9,423.83. The income is used toward the expenses of the Morris Infirmary.

JOHN W. PINKHAM FUND

Founded in 1911 by legacy of \$5,000 from Dr. John W. Pinkham, '60, being transmitted by gift from his widow, Cornelia F. Pinkham. Present book value, \$4,939.16. There are no binding conditions, but as she expressed an interest in the Morris Infirmary, then building, the Board of Managers directed that the income of this fund should be used in the support and maintenance of the Infirmary.

FUND FOR HAVERFORD UNION

HAVERFORD UNION FUND

Founded in 1920 by gift of \$1,000 par value of bond at book value of \$800 and \$678.59 cash, and all the personal property in the Union from the Haverford College Union. The College assumed the responsibility for the care of the building First Month 16, 1920. The income is used toward the maintenance of the Union building. Present book value, \$1,834.13.

FUNDS FOR SCHOLARSHIPS

THOMAS P. COPE FUND

Founded in 1842 by gift of sixty shares of Lehigh Coal and Navigation Co. stock, par value \$3,000, from Thomas P. Cope. Present book value, \$5,132.76.

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The income only is to be used "for the education of young men to qualify them to become teachers, but who are not of ability to pay their own schooling." This fund sustains the Thomas P. Cope Scholarships.

EDWARD YARNALL FUND

Founded in 1860 by bequest of \$5,000 from Edward Yarnall. Present book value, \$5,924.87. The income only is to be used for "the support of free scholarships." The fund sustains the Edward Yarnall Scholarships.

ISAIAH V. WILLIAMSON FUND

Founded in 1876 and increased in 1883 by gifts of sundry ground rents from Isaiah V. Williamson. Present book value, \$19,346.03. The income only is to be used for free scholarships. The fund sustains the Isaiah V. Williamson Scholarships.

RICHARD T. JONES SCHOLARSHIP FUND

Founded in 1885 by bequest of \$5,000 from Jacob P. Jones as a memorial to his late son, Richard T. Jones, '63. Present book value, \$4,935.99. The income only to be used to sustain the "Richard T. Jones Scholarship."

MARY M. JOHNSON SCHOLARSHIP FUND

Founded in 1897 by bequest of \$5,000 from Mary M. Johnson. Accrued interest before payment to the College increased the fund by \$3,062.95. Present book value, \$6,846.79. The bequest was to establish a "perpetual scholarship." The fund sustains the Mary M. Johnson Scholarships.

SARAH MARSHALL SCHOLARSHIP FUND

Founded in 1897 by bequest of \$5,000 from Sarah Marshall. Accrued interest before payment to the College increased the fund by \$2,589.49. Present book value, \$7,731.38. The bequest was to establish a "perpetual scholarship." The fund sustains the Sarah Marshall Scholarships.

CLEMENTINE COPE FELLOWSHIP FUND

Founded in 1899 by gift of \$25,000 from Clementine Cope. Present book value \$22,302.46. The gift was to establish the "Clementine Cope Fellowship Fund to assist worthy and promising graduates of Haverford College in continuing their course of study at Haverford or at some other institution of learning in this country or abroad." The selection of the Fellows is made by the Board of Managers upon nomination by the Faculty.

ISAAC THORNE JOHNSON SCHOLARSHIP FUND

Founded in 1916 by gift of \$5,000 from Isaac Thorne Johnson, '81. Present book value, \$7,749.62. The gift was to establish "The Isaac Thorne Johnson Scholarship to aid and assist worthy young men of Wilmington Yearly Meeting or of the Central West to enjoy the privileges of Haverford College." Unused income is added to the principal of the fund.

CASPAR WISTAR MEMORIAL SCHOLARSHIP FUND

Founded in 1920 by gift of Edward M. and Margaret C. Wistar of \$5,000 par value in bonds in memory of their son, Caspar Wistar, of the Class of 1902, who died in Guatemala in 1917 while engaged in mission service in that country. The income only is to be used for scholarships, primarily for sons of parents engaged in Christian service, including secretaries of Young Men's Christian Associations, or students desiring preparation for similar service in America or other countries. Present book value, \$2,881.01.

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J. KENNEDY MOORHOUSE SCHOLARSHIP FUND

Founded in 1926 by gifts totaling \$3,000, with \$1,000 added in 1926, and \$1,000 in 1928 and \$1,000 in 1929 from the Class of 1900 in memory of their classmate, J. Kennedy Moorhouse. The scholarship provided by this fund is "to be awarded, whenever a vacancy shall occur, to the boy ready to enter the Freshman class, who in the judgment of the President of the College appears best fitted to uphold at Haverford the standard of character and conduct typified by J. Kennedy Moorhouse, 1900, as known to his classmates: A man, modest, loyal, courageous, reverent without sanctimony; a lover of hard play and honest work; a leader in clean and joyous living." Present book value, \$5,033.22.

LOUIS JAQUETTE PALMER SCHOLARSHIP FUND

Founded in 1928 by gift of \$5,000 from Triangle Society, as follows:

"The Triangle Society of Haverford College herewith presents to the Corporation of Haverford College, a fund of Five Thousand Dollars (\$5,000) to be hereafter known and designated as the 'Louis Jaquette Palmer Scholarship Fund';

"This fund represents contributions from the members of the Triangle Society of Haverford College who have been thus inspired to perpetuate the memory of their fellow member, Louis Jaquette Palmer, of the Class of 1894, one of the founders of the Triangle Society, whom they admired for his cooperative spirit and constructive interest in student and community welfare. The fund is placed with the Corporation of Haverford College with the understanding:

"That such student shall be selected from a list of those eligible for entrance to Haverford College, who shall have combined in his qualifications the fulfillment of such conditions as apply to applicants for the Rhodes Scholarships under the terms of its creation, and furthermore that the student so selected and entered in Haverford College may continue to receive said scholarship fund throughout his course at College, subject to the approval of the Committee, otherwise preference shall be given to applications for the Freshman Class;

"That the selection of said student and the determination of the qualities and conditions hereinbefore mentioned shall be subject to the decision and control of a committee of three (3), which committee shall be composed of two (2) members of the Triangle Society and the President of Haverford College, the said members of the Triangle Society to select and recommend the applicants and the committee as a whole to determine their qualifications and eligibility.

"Finally, in the event that no student is selected by the Triangle Society or that a vacancy occurs, the income from said funds and any additions shall accumulate as provided under the customary rules and regulations of the Corporation of Haverford College."

Present book value, \$4,881.07.

PAUL W. NEWHALL MEMORIAL SCHOLARSHIP FUND

Established in 1931 by bequest of \$5,045.60 from Mary Newhall in memory of her father, Paul W. Newhall, a Manager, 1844-48, for the establishment of a scholarship fund. The income only to be used for free scholarship purposes. Present book value, \$4,925.59.

ROBERT MARTIN ZUCKERT MEMORIAL SCHOLARSHIP FUND

Founded in 1935 by gift of \$750, \$2,000 each year 1936 to 1940 and \$2,500 in 1940-1941, by Harry M. Zuckert, New York, in memory of his son, Robert Martin Zuckert, of the Class of 1936, who was killed in an accident in June, 1935. The income is to be used for a scholarship and the donor said, "I should prefer a boy who is a native of New York or Connecticut and who now resides in one of those States." Present book value, \$13,004.52.

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SAMUEL E. HILLES ENDOWMENT CREATED BY MINA COLBURN HILLES

Founded in 1935 by gift of \$5,000 from Mrs. Mina Colburn Hilles, of Orlando, Fla., in memory of her husband, Samuel E. Hilles, Class of 1874, formerly of Cincinnati, who died in 1931. This fund was created under a trust deed with Central Title and Trust Co., Orlando, Fla., to whom annual reports are to be made. The income only is to be used for scholarships for worthy students who are unable to finance their expenses at Haverford College. Present book value, \$4,897.97.

CLASS OF 1913 SCHOLARSHIP FUND

Founded Fourth Month 15, 1937, by gift of \$3,000 from Class of 1913 for the endowment of scholarship aid. The income only is to be used for scholarship aid, to be awarded annually to a worthy student of any undergraduate class. Preference is to be given to sons of members of the Class of 1913 who may apply and who meet the usual requirements of the College. Present book value \$2,928.64.

THE AUGUSTUS TABER MURRAY RESEARCH SCHOLARSHIP FUND

Founded Fifth Month 31, 1939 by gift from two anonymous friends of Dr. Augustus Taber Murray, '85, by gifts of \$20,000 par value of securities subject to annuity during their lives, and with permission to use principal for the annuity payments, if necessary.

Upon the deaths of the two annuitants, the remaining principal shall be held in a fund, the "Income to be used for scholarships in recognition of the scholarly attainments of Augustus Taber Murray, a distinguished Alumnus of Haverford College, of the Class of 1885, and for many years a professor of Leland Stanford University, the fund to be known as 'The Augustus Taber Murray Research Scholarship.' Then scholarships in English literature or philology, the classics, German literature or philology (in order of preference) shall be awarded upon such terms and conditions as the College may from time to time establish to students who have received the bachelor's degree at Haverford College, and shall be awarded for the purpose of study in other institutions toward the degree of Doctor of Philosophy or such degree as may in the future correspond to that degree."

The amount of the Scholarship is to be \$900 a year whenever awarded, and only unmarried students are eligible to hold it. Present book value \$21,360.00.

FUNDS FOR THE LIBRARY

ALUMNI LIBRARY FUND

Founded in 1863 by contributions from the alumni and other friends of the College. In 1909 the unexpended balance (about \$5,000) of a fund of \$10,000 raised in 1892, and known as the "New Library Fund," was merged into the Alumni Library Fund. Present book value, \$17,020.36. The income is used for binding and miscellaneous expenses of the Library.

MARY FARNUM BROWN LIBRARY FUND

Founded in 1892 by gift of \$20,000 from T. Wistar Brown, executor of the Estate of Mary Farnum Brown. Additions were made by T. Wistar Brown in 1894, \$10,000 for a lecture fund, and in 1913, \$20,000. In 1916, after T. Wistar Brown's death, there was added to this fund \$34,499.78 par value of securities, book value, \$30,149.78, being a trust which he had created for this purpose in 1908 and to which he had made additions in subsequent years. Present book value, \$64,026.22. The purpose of this fund (except \$10,000) is for the increase and extension of the Library. The income only is to be used for the purchase of books, and one-fifth of same is to be spent for books promoting the increase of Christian knowledge. The books purchased with the income of this fund are marked by a special book-plate. The income of \$10,000 of the fund is to provide for an annual course of lectures upon Biblical subjects designated "The Haverford Library Lectures." Unused income from the fund, if any, must be capitalized at the end of each fiscal year.

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WILLIAM H. JENKS LIBRARY FUND

Founded in 1910 by gift of \$5,000 from Hannah M. Jenks, widow of William H. Jenks. The fund was first known as "Special Library Fund," but after the death of Hannah M. Jenks was changed, in 1916, to "William H. Jenks Library Fund." Present book value, \$4,881.07. The purpose of this fund is that the income shall be used for the care of the collection of Friends' books made by William H. Jenks and given by his widow to Haverford College, and to make appropriated additions thereto. Any income not used for these purposes may be used toward the general needs of the Library.

MARY WISTAR BROWN WILLIAMS LIBRARY FUND

Founded in 1914 by gift of \$20,000 from Parker S. Williams, '94, as a memorial to his late wife, Mary Wistar Brown Williams. Present book value, \$19,823.73. The income only is to be used for the purchase of books for the Library, preferably books coming within the classes of history, poetry, art, and English and French literature. The books purchased with the income of this fund are marked by a special book-plate.

ANNA YARNALL FUND

Founded in 1916 by residuary bequest of \$13,000 par value of securities with book value of \$7,110, and one-half interest in suburban real estate from Anna Yarnall. Additional amount under bequest was received in 1918. Present book value, \$166,700.11. The real estate was sold in 1923 and netted the College \$164,820.50. The bequest was made for the general use of the Library. The Testatrix says, "I do not wish to restrict the managers as to the particular application of this fund, but desire them to use the income arising from it as in their best judgment and discretion shall seem best, for the purchase of books and manuscripts, book cases, rebinding of books, and, if need be, the principal or portions thereof, or the income or portions thereof, for additions to the present Library building, or the erection of new Library buildings. I direct that all books purchased with this fund shall be plainly marked 'Charles Yarnall Memorial' in memory of my father, Charles Yarnall."

F. B. GUMMERE LIBRARY FUND

Founded in 1920 by gift of \$635.47, raised among the students by the Students, Association of the College as a memorial to Professor Francis Barton Gummere. The income only is to be used to buy for the Haverford College Library books on the subjects that he taught or was interested in.

The student's Association voted also to raise twenty-five dollars for a special shelf in the Library to be known as the "F. B. Gummere Memorial Shelf." This shelf, with its proper inscription, holds the books purchased by this fund. Present book value, \$620.36.

EDMUND MORRIS FERGUSSON, JR., CLASS OF 1920 MEMORIAL FUND

Founded in 1920 by memorial gift of \$1,000 from the family of Edmund Morris Fergusson, Jr., Class of 1920, who died at the College in his Senior year. The income only is to be used for the maintenance and increase of the Library's Department of English and American Literature. The books purchased with the income of this fund are marked by a special book-plate indicating its source. Present book value, \$978.50.

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CLASS OF 1888 LIBRARY FUND

Founded Sixth Month 15, 1938, by gifts totaling \$5,250 from members and families of the Class of 1888, on the occasion of their fiftieth anniversary. The conditions of the gift are as follows:

- (1) A fund is to be established, to be known as "THE CLASS OF 1888 LIBRARY FUND."
- (2) The income only of this fund is to be used exclusively for the purchase of books for the Haverford College Library, except as noted below (in Clause 6).
- (3) The fund established now will be added to later by gift or bequest.
- (4) Members of the Class also expect to donate books to the Library, with the understanding that when such books are duplicates of books already in the Library, they may be exchanged for books needed, or sold, and the money so obtained used in the same way as the income of the fund.
- (5) All books purchased by the income of the fund (or obtained as in 4) are to be provided with a special book-plate to be furnished by the Class.
- (6) Income from the Class Fund or moneys obtained by sale of duplicate books may, when necessary, be used for binding or repair of books designated as belonging to the Class collection. In 1939-1940, additional donation of \$500 was made. The present book value is \$5,613.89.

CLASS OF 1918 LIBRARY FUND

Founded Third Month 24, 1938 by gift from the Class of 1918 in commemoration of their twentieth anniversary. The gift was \$1,753.52 of which \$500 was spent for a portrait of the late Rayner W. Kelsey, Professor of History, who died Tenth Month 29, 1934; and the balance of \$1,253.52 was used in establishing a new Library Fund, the income to be used for books. Present book value, \$1,223.71.

FUNDS FOR PENSIONS

PRESIDENT SHARPLESS FUND

Founded in 1907 by contributions from interested friends of the College, finally amounting to \$40,000. Present book value, \$40,256.23. The income is to be used for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. The income from this fund is annually transferred to the Haverford College Pension Fund for old style pensions, or, if not needed for pensions, is capitalized in said fund.

WILLIAM P. HENSZEY FUND

Founded in 1908 by gift of \$10,000 from William P. Henszey, donated in connection with the raising of the President Sharpless Fund, but kept as a separate fund. Increased in 1909 by legacy of \$25,000 from William P. Henszey. Present book value, \$35,884.34. The income is to be used, as in the President Sharpless Fund, for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. The income from this fund is annually transferred to the Haverford College Pension Fund for old style pensions, or, if not needed for pensions, is capitalized in said fund.

JACOB P. JONES BENEFIT FUND

Founded in 1909 and increased in 1910 by proceeds of land sold for account of Jacob P. Jones legacy. Present book value, \$66,493.66. The income is to be used, as in the President Sharpless Fund, for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. The income from this fund is annually transferred to the Haverford College Pension Fund for old style pensions, or, if not needed for pensions, is capitalized in said fund.

HAVERFORD COLLEGE

PLINY EARLE CHASE MEMORIAL FUND

Founded in 1909 by transfer to the College of a fund raised in 1887 in memory of Professor Pliny Earle Chase, and amounting to par value of \$4,173.04. Present book value, \$3,194.40. The income of this fund is used, as in the President Sharpless Fund, for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. This income is transferred annually to the Haverford College Pension Fund, for old style pensions, or, if not needed for pensions, is capitalized in said fund.

HAVERFORD COLLEGE PENSION FUND

Founded in 1920 and added to since, being accumulations of income from the President Sharpless Fund, the William P. Henszey Fund, the Jacob P. Jones Benefit Fund and the Pliny Earle Chase Memorial Fund, not needed for pensions. Present book value, \$109,375.79. The income from this fund, together with the income from the four above-mentioned funds, is used for old style pensions. Income not needed for pensions was capitalized until 1932; then any unused income was used toward the College's share in cost of new contributory pensions with the Teachers' Annuity and Insurance Association. Now the old style pensions call for more than the income of all these Pension Funds. When the proper time comes in an actuarial sense, the principal of this fund can be used as well as the income for the old style pensions until they cease.

FUNDS FOR SPECIAL PURPOSES

THOMAS SHIPLEY FUND

Founded in 1904 by gift of \$5,000 from the late Samuel R. Shipley as a memorial to his father, Thomas Shipley. Present book value, \$5,123.18. The income only to be used for lectures on English Literature at the College. In case of actual need, at the discretion of the President of the College, the income can be used for general expenditures.

ELLISTON P. MORRIS FUND

Founded in 1906 by gift of \$1,000 from Elliston P. Morris, '48. Present book value, \$1,099.95. The income is to be used as a prize for essays to be written by students on the subject of Arbitration and Peace. "The Elliston P. Morris Prize" of \$40 is given in each year, the competition being open to all undergraduates and to graduates of not more than three years' standing.

In 1929, it was determined, with the consent of the family of Elliston P. Morris, that when the prize is not awarded the income may be used for the purchase of library books on arbitration and peace.

JOHN B. GARRETT READING PRIZE FUND

Founded in 1908 by a gift of \$2,000 par value of bonds by the late John B. Garrett, '54. It was the purpose of the donor to ensure the permanence of a prize or prizes for Systematic Reading, which he had given for a number of years. The prizes were not awarded from 1922 to 1939 on account of default of the bonds. Reorganization has resulted in 1939 in sufficient recovery of value to provide again for this prize. Present book value \$1,218.19.

SPECIAL ENDOWMENT FUND

Founded in 1909 by gift of \$12,000 par value of bonds, book value \$11,800, from an anonymous donor. Present book value, \$9,007.60. The income only of this fund to be used "to furnish opportunity for study of social and economic and religious conditions and duties connected therewith, especially from a Christian point of view." The income is used toward the expenses of Summer Schools for Religious Study, which have been held at Haverford and Swarthmore Colleges from time to time, and also for religious education under Friends' care.

HAVERFORD COLLEGE

On Fifth Month 16, 1930, the Managers adopted the following amendment, made at the suggestion of the donor, now revealed to be John Thompson Emlen, 1900: "If, however, it shall in the course of time be deemed advisable by the President and the Managers that the income of this fund can be used more profitably by the College for other purposes than those herewith stated, it is my desire that they shall act in accordance with their judgment."

SCHOLARSHIP IMPROVEMENT PRIZE FUND

Founded in 1913 by gift of \$2,000 par value of bonds, book value, \$1,200, from John L. Scull, '05. Present book value, \$2,242.24. The income only to be used to establish two prizes of \$50 and \$45 annually to the two students in the graduating class showing the most marked and steady improvement in scholarship during their college course.

ELIZABETH P. SMITH FUND

Founded in 1915 by bequest of \$1,000 from Elizabeth P. Smith. Present book value, \$1,002.58. The income only to be used as a prize for the best essays on Peace written by students of the College.

S. P. LIPPINCOTT HISTORY PRIZE FUND

Founded in 1917 by gift of \$2,500 par value of bonds, book value, \$2,546.88, from beneficiary of the estate of S. P. Lippincott, '86. Present book value, \$2,486.30. The income only to be used as an annual history prize, which is designated "The S. P. Lippincott History Prize." The award is to be made on the basis of a competitive essay. In any year when no award is made, the income is to be used for the purchase of library books in the field of the unawarded prize.

FRANCIS STOKES FUND

Founded in 1919 by gift of \$5,000 in securities, book value, \$5,000, from Francis J. Stokes, '94, in memory of his father, Francis Stokes, of the Class of 1852, and a Manager of Haverford from 1885 until his death in 1916. Present book value, \$4,998.51. The income is to be used for extending the planting of trees and shrubs on the College grounds. The wish is expressed, but not as a binding condition of the gift, that the Campus Club should have the direction of the expenditure of this income.

GEORGE PEIRCE PRIZE FUND

Founded in 1919 by gift of \$600, and increased in 1920 by further gift of \$400, from Harold and Charlotte C. Peirce in memory of their deceased son, George Peirce, '03. Present book value \$2,001.57. The income only is to be used for a prize, to be called the George Peirce Prize in Chemistry or Mathematics, to the student who, in the opinion of the Faculty, has shown marked proficiency in either or in both of these studies and who wishes to follow a profession which calls for such preparation. Unused income is capitalized, as requested by the founders of the fund.

LYMAN BEECHER HALL PRIZE FUND

Founded in 1924 by donation of securities of par value, \$2,000, book value, \$1,820, from the Class of 1898 in commemoration of their 25th anniversary of graduation to establish an annual prize of \$100 in Chemistry in honor of Doctor Lyman Beecher Hall, Professor of Chemistry at Haverford College from 1880 to 1917. Present book value, \$2,103.74.

HAVERFORD COLLEGE

NEWTON PRIZE FUND

Founded in 1925 by donation of five shares of General Electric Co. stock by A. Edward Newton, par value, \$500, and book value, \$1,348.25. Present book value, \$1,364.50. The income only is to be used for "The Newton Prize in English Literature to the undergraduate who shall submit the best essay on some subject connected with English literature." In 1930, the award was changed to be on the basis of Final Honors, and in any year when no award is made the income is to be used for the purchase of library books in the field of the unawarded prize.

EDWARD B. CONKLIN ATHLETIC FUND

Founded in 1925 and added to in 1926, 1927 and 1929 by Frank H. Conklin, '95, in memory of his brother, Edward B. Conklin, '99. Present book value, \$2,342.92. The income is to be used without restriction in any branch of athletics.

ARBORETUM FUND

Founded in 1928 by setting aside \$5,000 from proceeds from sale of 5.811 acres of land on the southern boundary and southeast corner of the College farm. Until otherwise ordered by the Managers, the fund is to be invested and the income only is to be used under the direction of the Campus Club for trees and shrubs upon the College grounds, or for their care, or for other similar purposes. Present book value, \$4,478.63.

WILLIAM ELLIS SCULL PRIZE FUND

Founded in 1929 by William Ellis Scull, '83, by a gift of \$2,000. The income is to be used annually, so long as the Managers may judge expedient, as a prize to be awarded at Commencement by the Faculty to that upper classman who in their judgment shall have shown the greatest improvement in voice and the articulation of the English Language. The prize is to be known as "The William Ellis Scull Prize," Present book value, \$1,952.43.

C. WHARTON STORK ART FUND

In First Month, 1930, C. Wharton Stork, of Class of 1902, donated to the Corporation securities of a then value of \$69,000 on account of a contemplated gift for the purpose of erecting, equipping, and furnishing an Art Museum at the College. Purchases were made by C. Wharton Stork of paintings, which are now exhibited on loan at the Philadelphia Museum of Art. This fund is to be liquidated and is not included in the total of the funds.

PAUL D. I. MAIER FUND

Founded Tenth Month 7, 1936, by bequest of \$1,000 from Paul D. I. Maier, '96, of Byrn Mawr, Pa. The bequest provides for the continuance of the Class of 1896 Prizes of \$10 each in Latin and Mathematics, and any balance of income is to be used for general purposes. Present book value, \$976.22.

STRAWBRIDGE OBSERVATORY MAINTENANCE FUND

Founded Second Month 13, 1937, from donations of \$5,627.37 from members of the Strawbridge family, being the amount in excess of the actual cost of the rebuilding and reequipment of the William J. Strawbridge, '94, Memorial Astronomical Observatory. The income is used for the maintenance and equipment of the observatory. The principal can be used for additional equipment, if so determined by the Board of Managers. In 1938 and 1939 an astrographic camera was so purchased at a cost of \$1,787.83. Present book value \$3,748.21.

STATED MEETINGS OF THE CORPORATION AND THE MANAGERS

The Annual Meeting of "The Corporation of Haverford College" is held on the second third-day in the Tenth month, at 3 o'clock P.M.

The Stated Meetings of the Managers for 1941 will be held on the second Sixth-day of First and Third Months, and on the Third Sixth-Day of Fifth, Ninth and Eleventh months.

LEGACIES

The friends of the College, including former students, and all who are interested in the promotion of sound learning, are invited to consider the College in the disposition of their estates by will.

FORM OF BEQUEST OF PERSONAL PROPERTY

I give and bequeath, free and clear of all estate, inheritance or other similar taxes, unto the Corporation of Haverford College, the sum ofDollars.

FORM OF DEVISE OF REAL ESTATE

I give and devise, free and clear of all estate, inheritance or other similar taxes, unto The Corporation of Haverford College, its Successors and Assigns, in fee, the following described real estate: (Here describe the real estate.)

HAVERFORD COLLEGE DIRECTORY 1942-43**HAVERFORD COLLEGE BULLETIN****Vol. XLI****October, 1942****No. 1**

Entered December 10, 1902, at Haverford, Pa., as Second Class Matter
Under Act of Congress of July 16, 1894.

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Act of October 3, 1917, authorized on July 3, 1918.

FACULTY, OFFICERS, ETC.

Name		Address (Haverford unless otherwise noted)	Telephone (Ardmore Exchange unless otherwise noted)
Asensio, Manuel J.....	2	College Lane	9428
Babbitt, Dr. James A.....		Tunbridge & Blakely Rds.	7950
Benham, T. A.....	45	S. Wyoming Avenue, Ardmore, Pa.	6044
Bernheimer, Richard M.....	225	Roberts Rd., Bryn Mawr.....Bryn Mawr	1427 W
Blanc-Roos, Rene.....		Lancaster & Garrett Ave., Rosemont	Bryn Mawr 0489 R
Cadbury, William Edward, Jr.	791	College Avenue	0203 W
Chamberlin, William Henry..			
Clement, Charles A.....		Woodside Cottage	3109 J
Comfort, Howard	5	College Circle	3732
Comfort, William W.....		South Walton Road	0455
Dixon, Jonathan S.		Government House	9613
Drake, Thomas E.....	2	Pennstone Road, Bryn Mawr, Pa.	Bryn Mawr 1534
Dunn, Emmett R.....	748	Rugby Road, HaverfordBryn Mawr	2662
Evans, Arlington	324	Boulevard, Brookline, Upper Darby P. O., Pa.....	Hilltop 2043
Fetter, Frank Whitson.....	5	Canterbury Lane, St. Davids, Pa.	Wayne 2449 J
FitzGerald, Alan S.....		Warick Rd. and Cotswold Lane, Wynnwood, Pa.....	1404
Flight, John W.....	753	College Avenue.....	4409 W
Gibb, Thomas C.....	518	W. Beechtree Lane, Wayne, Pa.....	Wayne 1469 W
Green, Louis C.....	791	College Avenue	4409 J
Guiton, J. W.		Low Buildings, Bryn Mawr Col., Bryn Mawr, Pa. B.M.	2909 W
Gummere, Henry V.....	B-207	Shirley Court, Upper Darby, Pa.	Blvd. 1307 W
Haddleton, A. W.....	29	Tenmore Road...Bryn Mawr	1235 W
Halter, Robert Eline.....		Government House	9613
Harper, Heber Reece.....		Government House	9613
Henry, Howard K.....	1464	Drayton Lane, Penn Wynne, Pa.	3913 J

Hepp, Maylon H.....		Sugartown Road at Poplar Ave., Devon, Pa.	Wayne 0373 M
Herndon, John G.....	4	College Circle	0364
Hetzel, Theodore B.....	768	College Avenue	4393 W
Holmes, Clayton W.....	720	Millbrook Lane	4269 W
Johnston, Robert J.....		Woodside Cottage	3725
Jones, Rufus M.....	2	College Circle	2777
Jones, Thomas O.....		Founders Hall, East.....	6769 W
Kelly, John A.....	3	College Lane	4160
Lafford, Lindsay A.....	1	College Lane	5479 W
Lockwood, Dean P.....	6	College Circle	1402 J
Lunt, William E.....	5	College Lane	1507 W
MacIntosh, Archibald.....	3	College Circle	0961
Meldrum, William B.....	747	College Avenue	0881 J
Montgomery, George.....	6124	Columbia Ave., Overbrook, Pa.Greenwood	7811
Morley, Felix.....	1	College Circle	4712
Oakley, Cletus O.....		Featherbed Lane	3109 W
Palmer, Frederic, Jr.....	7	College Lane	7997 R
Pancoast, Omar, Jr.....		Government House	0495 W
Pfund, Harry W.....	624	Overhill Road, Ardmore.....	5532
Post, Amy L.....	C-3	Dreycott Apts.	1643 W
Post, L. Arnold	9	College Lane	0258 M
Randall, Roy E.....	3	College Lane	0195 J
Rantz, J. Otto.....	2122	Chestnut Ave., Ardmore, Pa.	
Rittenhouse, Leon H.....	6	College Lane	5522
Sargent, Ralph M.....	510	Old Railroad Avenue	3339
Scaife, Mary L.....	E-4	Haverford Gables	5117
Snyder, Edward D.....	36	Railroad Avenue	0712
Spaeth, J. Duncan.....		Spring Hollow, Upper Gulph Road, Wayne, Pa. Wayne	2244
Steere, Douglas V.....	739	College Avenue	0162
Stinnes, Edmund H.....	601	Walnut Lane	6759
Stone, Brinton Harvey.....	774	Millbrook Lane	5555 W
Sutton, Richard M.....	785	College Ave., facing Walton Road	0742
Swan, Alfred J.....	3	College Lane	1562
Taylor, Dr. Herbert W.....	457	Lancaster Avenue	2383
Teaf, Howard Morris, Jr.....	207	W. Plumstead Ave., Lans- downe, Pa. Madison	4297 J
Vaux, George.....		Gulph Road, Bryn Mawr, Pa.Bryn Mawr	4517
Watson, Frank D.....	773	College Avenue	2937
Williamson, Alexander Jardine	4	College Lane	4023
Wills, William Mintzer.....	B-201	Merion Gardens Apt. Merion, Pa.	Merion 4760
Wilson, Albert H.....	765	College Avenue	1853

COLLEGE OFFICE AND BUILDING TELEPHONES

Administrative Secretary, Mary L. Scaife	0540
Alumni Office, Acting Secretary, Heber R. Harper	4338
Barclay Hall, North	9506
Barclay Hall, South	9508
Barclay Hall, Center	9459
Business Office, W. M. Wills, Comptroller	0221
Dean's Office, Acting Dean, Archibald MacIntosh	1441
Dean's Office, Assistant Dean, Brinton H. Stone	1441
Director of Admissions, Archibald MacIntosh	1441
Founders Hall, East	9460
Founders Hall, Dormitory	9533
Founders Hall, Kitchen	9544
Government House, Omar Pancoast, Jr., Director	9613
Gymnasium	9512
Haverford News	3793
Haverford Review, H. R. Harper, Editor	4338
Hilles Laboratory of Applied Science (Engineering)	1670
Language House, Manuel J. Asensio, Director	9428
Library	0767
Lloyd Hall, Rooms 5-12	9520
Lloyd Hall, Rooms 13-22	9514
Lloyd Hall, Rooms 23-38	9628
Lyman Beecher Hall Chemistry Laboratory	0387
Merion Hall	9458
Merion Hall Annex	9458
Morris Infirmary	0763
President, Felix Morley	0540
Power House	9540
Registrar, W. M. Wills	0221
Research Laboratory, Alan S. FitzGerald, Director	5092
Sharpless Hall (Physics and Biology)	0950
Skating Pond	9561
Steward, Charles A. Clement	2942
Strawbridge Memorial Observatory	4796
Superintendent of Operations, R. J. Johnston	2942
Vice President, Archibald MacIntosh	1441

D I R E C T O R Y

STUDENTS IN THE COLLEGE

In the last column is given the number of the student's dormitory room; Bn is an abbreviation for Barclay Hall, North; Bc for Barclay Hall, Center; Bs for Barclay Hall, South; F for Founders Hall; G. H. for Government House; Lg. H., for Language House; Ld. H., for Lloyd Hall; M for Merion Hall; D for day student. The field of major concentration is indicated in parentheses.

GRADUATE STUDENTS

Name	Home Address	College Address
DIXON, JONATHAN S. (B. S., University of New Hampshire, 1942)(Chemistry)	North Rochester, N. H.	G. H.
HALE, WILLIAM Q. (A. B., Earlham College, 1942).....(Sociology)	96 N. Comstock Street, Wabash, Indiana (Living at Pendle Hill, 1942-43)	
HALTER, ROBERT ELINE (A. B., Gettysburg College, 1942)(Chemistry)	Hanover, Pa.	G. H.
MULLOWNEY, JOHN J. (M. D., University of Pennsylvania, 1908)(English)	Haverford College, Pa.	F
WRIGLEY, ARTHUR N. (A. B., Haverford College, 1937)(Chemistry)	7134 Cresheim Road, Mt. Airy, Phila., Pa.	D

UNDERGRADUATE STUDENTS

A

Name	Home Address	College Address
ABBOTT, CORNELIUS WEBSTER.....(Economics)	5506 Lombardy Place, Baltimore, Md.	21 Ld.H.
ALFORD, THEODORE CRANDALL, JR.....	Theoford Farm, McLean, Va.	120 M
ALLEN, JOHN MALONE.....(Engineering)	2861 Lee Road, Shaker Hts., Ohio	38 Ld.H.
ALLINSON, ANDREW PREVOST.....	Town's End Farm, West Chester, Pa.	28 Ld.H.
ALVORD, ELLSWORTH CHAPMAN, JR.....(Chemistry)	3512 Lowell Street, Washington, D. C.	6 Bs
AMBLER, WILLIAM W., JR.....	207 Lycoming Avenue, Willow Grove, Pa.	120 M
ANDERSON, EUGENE EDWIN, JR.....(Latin)	Sharon, Pa.	30 Bc

B

BACHE, KENNETH.....	15 Dickle Road, Scarsdale, N. Y.	103 M
BAIR, GEORGE ELDRIDGE.....(English)	18 Gramatan Gardens, Bronxville, N. Y.	38 Ld.H.

Name	Home Address	College Address
BAIRD, DONALD HESTON.....	(Chemistry) 2024 East Lafayette Place, Milwaukee, Wis.	33 Ld.H.
BAKER, ELWOOD TATE.....	37-23 — 83rd Street, Jackson Heights, N. Y.	68 Bn
BAKER, WILLIAM PERRIN, JR.....	355 Columbia Avenue, Palmerton, Pa.	50 Bn
BALDERSTON, JOHN LLOYD, JR.....	(Physics) 1800 Angelo Drive, Beverly Hills, Calif.	12 M
BALDWIN, WARREN C.....	91 Nehoiden Road, Waban, Mass.	21 Bs
BALLS, KENT FRANKE.....	3406 Lowell Street, Washington, D. C.	1 Ld.H.
BARNES, WILLIAM J., JR.....	146 Maple Street, Englewood, N. J.	111 M
BARTHOLOMEW, GEORGE A.....	1545 Beechwood Boulevard, Pittsburgh, Pa.	13 Ld.H.
BARTLETT, FREDERICK HENRY, JR.....	15 S. Somerset Ave., Ventnor City, N. J.	29 Bc
BARTON, WILLIAM HENDERSON, JR.....	818 Russell St., Nashville, Tenn.	22 Ld.H.
BASSETT, DAVID ERISMAN.....	118 Highland Avenue, Bala-Cynwyd, Pa.	D
BEARDSLEY, JOHN POST.....	(English) 1919 Spruce St., Phila., Pa.	23 F
BEDROSSIAN, ROBERT HAIG.....	4501 State Road, Drexel Hill, Pa.	25 Bc
BELL, ARTHUR HALLOCK.....	(Engineering) Milton, Ulster Co., N. Y.	31 Bc
BENGE, JOHN H.....	237 Washington Street, Kennett Square, Pa.	22 Bs
BIRDSALL, THOMAS MORRISON.....	139 Booth Lane, Haverford, Pa.	58 Bn
BLOCK, EDWARD.....	810 W. Sedgwick Street, Mt. Airy, Phila., Pa.	29 Ld.H.
BOLGIANO, LOUIS PAUL, JR.....	(Engineering) 4411 Norwood Road, Baltimore, Md.	7 Bs
BOTELER, CHARLES M., JR.....	5028 Massachusetts Ave. N.W., Washington, D. C.	33 Bc
BOYSEN, ALFRED CHARLES.....	(Mathematics) 25 Tyson Avenue, Glenside, Pa.	17 M
BRINTON, EDWARD.....	Pendle Hill, Wallingford, Pa.	8 Lg.H.
BROWN, JARED SPENCER.....	(Chemistry) Mercersburg, Pa.	37 Ld.H.
BROWN, MARVIN LUTHER, JR.....	(History) 478 Manheim Street, Philadelphia, Pa.	35 Ld.H.
BRYSON, ARTHUR EARL, JR.....	182 Myrtle Street, Winnetka, Illinois	5 Ld.H.
BURNS, STANLEY SHERMAN, JR.....	4603 Pershing Ave., St. Louis, Mo.	29 Bc
BUSH, JOHN HATHAWAY.....	4901 Hillbrook Lane, Washington, D. C.	9 Ld.H.

Name	Home Address	College Address
BUSHNELL, JONATHAN FREEMAN.....	53 Hancock Street, Rochester, N. Y.	54 Bn
BUYERS, ARCHIE GIRARD.....	Picatinny Arsenal, Dover, N. J.	31 Ld.H.

C

CADBURY, CHRISTOPHER J.....	(Philosophy) 7 Buckingham Place, Cambridge, Mass.	8 F
CALHOUN, CREDE C.....	% Marsh, R. F. D. 2, Westport, Conn.	11 Ld.H.
CAMERON, ANGUS MALCOLM.....	318 — 8th Avenue, S. E., Minot, N. D.	8 M
CANAN, LAWRENCE HENDERSON, JR.....	1803 Third Avenue, Altoona, Pa.	44 Bc
CARY, JOHN RICHARD.....	(Government) 311 Chester Ave., Moorestown, N. J.	9 Lg.H.
CASE, WARD CALVIN.....	43 Preston Road, Columbus, Ohio	14 Ld.H.
CHARTENER, WILLIAM HOUSTON.....	414 Parkway, Monessen, Pa.	G. H.
CLARK, JOHN WILSON.....	(Chemistry) Apartado 1252, Panama, Rep. of Panama	13 F
CLAYTON, ROBERT FRANCIS.....	49 E. Providence Road, Lansdowne, Pa.	105 M
CLEMENT, FREDERICK T. J.....	407 Woodland Avenue, Wayne, Pa.	10 Ld.H.
COALE, EDGAR BELLVILLE.....	521 E. Mermaid Lane, Phila., Pa.	67 Bn
COCKS, GEORGE ROWLAND.....	(Government) 1278 Maple Avenue, Peekskill, N. Y.	6 F
COFFIN, LEWIS EDWARD.....	150 Church Street, Newton, Mass.	52 Bn
COFFIN, TRISTRAM POTTER.....	(English) Box 89, Edgewood Farm, Wakefield, R. I.	3 Ld.H.
COLE, RICHARD WALLACE.....	260 Case Avenue, Sharon, Pa.	11 Ld.H.
COMPTON, HORACE NEWTON, JR.....	(History) 622 Bryn Mawr Avenue, Penn Valley, Narberth, Pa.	D
CONKLIN, GEORGE LEWIS.....	601 Merion Avenue, Penfield, Upper Darby, Pa.	D
CONN, WILLIAM KERR.....	(Chemistry) 5026 Saul Street, Philadelphia, Pa.	6 Bs
COOK, EDWARD MARSHALL, JR.....	56 Cedarbrook Road, Ardmore, Pa.	D
COOLIDGE, DAVID ALLEN.....	(History) 1127 Kensington Road, Grosse Pointe Park, Mich.	7 Ld.H.
COPE, WALTER HARVEY.....	Hotel Morton, Atlantic City, N.J.	37 Bc
CORNMAN, GUY L., JR.....	Conshohocken State Road, Gladwyne, Pa.	D
COURTRIGHT, ROBERT CADY.....	R. R. 1, Pipestone Road, Benton Harbor, Mich.	70 Bn

Name	Home Address	College Address
COWAN, WILLIAM EDGAR.....	3220 Cove Road, Merchantville, N. J.	50 Bn
CRABTREE, JODIE DEE, JR.....	(Spanish) 2121 Illini Road, Springfield, Illinois	14 Lg. H.
CRAIG, CASSIN WINCHESTER.....	(Economics) 300 Maple Avenue, North Hills, Montgomery Co., Pa.	5 F
CROSMAN, DORLAND LORING.....	G. H. 447 Hillside Place, South Orange, N. J.	
CURTIS, FREDERICK AUGUSTUS, JR.....	(Engineering) Granby, Mass.	39 Bc

D

DAVIS, DANIEL ELIAS, JR.....	(Government) "Glen Osborne," Sewickley, Pa.	16 Ld.H.
DAY, ROBERT BRIGGS.....	(Physics) 930 Fairway Drive, Warren, Ohio	20 Ld.H.
DEITSCH, PETER HERBERT.....	(Government) 1075 Park Avenue, New York, N. Y.	34 Bc
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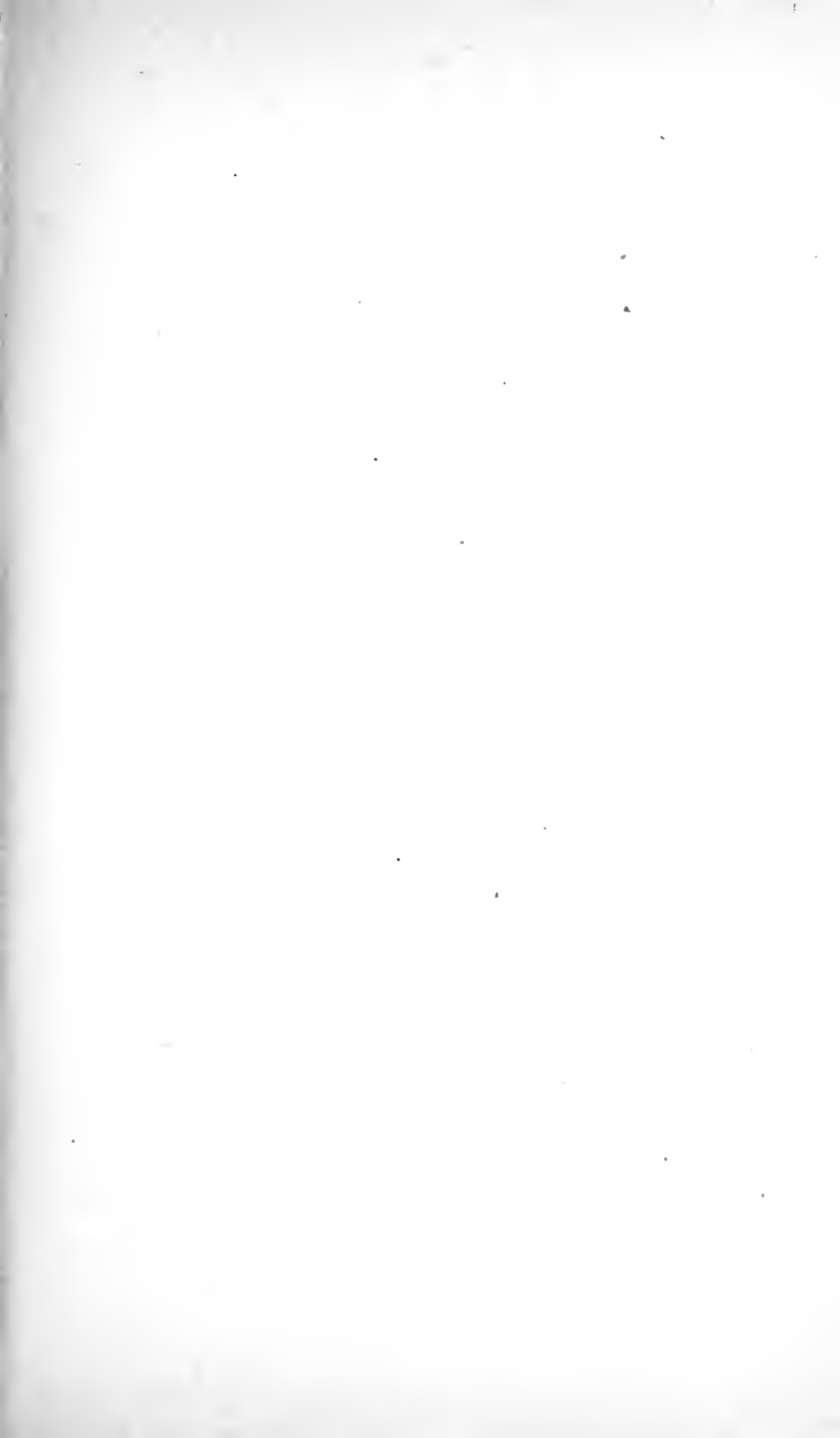
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HAVERFORD COLLEGE CATALOG

1942-1943



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HAVERFORD COLLEGE CATALOG

1942-43



HAVERFORD · PENNSYLVANIA

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CALENDAR

1942-1943

Registration of all new students.....	Sept. 21-22, 1942
Reporting of Freshmen to Dean MacIntosh.....	Sept. 21
Beginning of College Year with Assembly, 11:30 A.M....	Sept. 22
Stated Meeting of the Board of Managers.....	Oct. 2
Annual Meeting of the Corporation of Haverford College..	Oct. 20
Stated Meeting of the Board of Managers.....	Nov. 20
Thanksgiving Day.....	Nov. 26
Last date for selection of Major Subjects by students who have been in attendance three terms.....	Dec. 15
Christmas Recess (dates inclusive)....	Dec. 19, 1942-Jan. 3, 1943
Stated Meeting of the Board of Managers.....	Jan. 8
Last First Semester classes.....	Jan. 16
Senior comprehensive examinations and course examina- tions for underclassmen.*.....	Jan. 20-23
Course examinations for all classes.....	Jan. 25-30
Commencement Day for Accelerated Seniors.....	Jan. 30
Beginning of Second Semester, 8:30 A.M.....	Feb. 1
Stated Meeting of the Board of Managers.....	Mar. 12
Spring Recess (dates inclusive).....	Mar. 28-Apr. 4
Last date for selection of Major Subjects by students who have been in attendance three terms.....	May 1
Last date for submission of Prize Manuscripts.....	May 1
Stated Meeting of the Board of Managers.....	May 14
Last Classes for Seniors.....	May 15
Last Second Semester classes.....	May 22
Senior comprehensive examinations and course examina- tions for underclassmen.†.....	May 26-29
Course examinations for all classes.....	May 31-June 4
Commencement Day.....	June 5

* At the option of individual departments, comprehensive examinations may begin on Jan. 19.

† At the option of individual departments, comprehensive examinations may begin on May 25.

CALENDAR

Summer—1943

Beginning of Summer Term.....	June 21, 1943
Last date for selection of Major Subjects by students who have been in attendance three terms.....	July 26
Last Summer Term Classes.....	Aug. 21
Senior comprehensive examinations*.....	Aug. 25-27
Commencement Day for Accelerated Seniors.....	Aug. 28

* At the option of individual departments, comprehensive examinations may begin on August 24.

CALENDAR

1943-1944

Registration of all new students.....	Sept. 20-21, 1943
Reporting of Freshmen to Dean MacIntosh.....	Sept. 20
Beginning of College Year with Assembly, 8:30 A.M.....	Sept. 21
Stated Meeting of the Board of Managers.....	Sept. 22
Annual Meeting of the Corporation of Haverford College at the College, 3:00 P.M. (tentative).....	Oct. 21
Stated Meeting of the Board of Managers.....	Nov. 21
Thanksgiving Day.....	Nov. 25
Last date for selection of Major Subjects by students who have been in attendance three terms.....	Dec. 13
Christmas Recess (dates inclusive)....	Dec. 19, 1943-Jan. 2, 1944
Stated Meeting of the Board of Managers.....	Jan. 7
Last First Semester Classes.....	Jan. 15
Senior comprehensive examinations and course examina- tions for underclassmen.*.....	Jan. 19-22
Course examinations for all classes.....	Jan. 24-29
Commencement Day for Accelerated Seniors.....	Jan. 30
Beginning of Second Semester, 8:30 A.M.....	Jan. 31
Stated Meeting of the Board of Managers.....	Mar. 10
Spring Recess (dates inclusive).....	Mar. 26-Apr. 2
Last date for selection of Major Subjects by students who have been in attendance three terms.....	Apr. 28
Last date for submission of Prize Manuscripts.....	May 1
Stated Meeting of the Board of Managers.....	May 12
Last Classes for Seniors.....	May 13
Last Second Semester Classes.....	May 18
Senior comprehensive examinations and course examina- tions for underclassmen.†.....	May 24-29
Course examination.....	May 26-June 2
Commencement Day for Accelerated Seniors.....	June 3

* At the option of individual departments, comprehensive examinations may begin on Jan. 18.

† At the option of individual departments, comprehensive examinations may begin on May 23.

HAVERFORD COLLEGE

HISTORY AND DESCRIPTION

Haverford College was founded in 1833. It owes its origin to the insight and energy of a few members of the Society of Friends who, in the spring of 1830, conceived the idea of founding an institution for education in the higher branches of learning. Its object, in the words of the founders, was "to combine sound and liberal instruction in literature and science with a religious care over the morals and manners, thus affording to the youth of our Society an opportunity of acquiring an education equal in all respects to that which can be obtained at colleges."

The founders were incorporated in 1833, under the laws of the Commonwealth of Pennsylvania, into the Haverford School Association, a body now known as the Corporation of Haverford College. This corporation elects a Board of Managers for the control of its affairs and for the administration of its funds. For the founding of the School sixty thousand dollars was raised, but the sum proved insufficient for its maintenance, and for many years the financial deficit was met by subscriptions of friends.

From 1845 to 1848 the School was closed in order to allow the funds to accumulate and to give time for the collection of an endowment. Since that time, by a number of generous bequests and donations, the amount of invested funds yielding interest has been increased to over four million dollars.

The College has a pleasant and healthful location in the township of Haverford, Delaware County, Pennsylvania, nine miles west of the center of Philadelphia. It is accessible by the main line of the Pennsylvania Railroad and by the Philadelphia and Western Railway. The selection of this site is thus described by the first managers: "We wished to procure a farm in a neighborhood of unquestionable salubrity—within a short distance of a Friends' Meeting—of easy access from this city at all seasons of the year . . . recommended by the beauty of the scenery and a retired situation." And they reported that they had purchased for the sum of \$17,865 "an oblong tract of 198½ acres . . . nearly south of the *eight mile* stone on the Lancaster Turnpike."

This property has since been increased to 216 acres. While a por-

tion is retained as farm and woodland, a lawn of sixty acres was long ago graded and tastefully planted with trees and shrubs by a landscape gardener, so that the natural beauty of the location has increased with passing years. The grounds include seven fields for football, baseball, cricket and soccer; a running-track, twelve tennis courts, and a pond for skating.

Parallel with its material growth there have been changes in the inner life of the College which have affected the methods of administration rather than the essential principles on which the institution was founded. It has gradually increased in number of students, but with an enrollment of 350 still enjoys the advantages of a small college. From the first it gave instruction of collegiate scope and grade. Accordingly, in 1856, the name was changed from *school* to *college* and the right to confer degrees was granted by the Legislature. In 1861 the preparatory department was abolished. General courses are now given in arts, science and engineering.

The endowment for salaries and pensions enables the College to maintain a faculty of unusual size in proportion to the number of students, and to expend for the instruction, board, and lodging of each student much more than he pays. The advantages of a central location are utilized by bringing to college assemblies, on frequent occasions, men and women who have established leadership in government, business and the professions.

In accordance with the modern ideals of religious and moral education, the students enjoy ample liberty, safeguarded by their wholesome physical life, by the traditions of the College, and by the intimate association with their professors and fellow students.

All examinations and tests are conducted under an Honor System administered by the Students' Association. Under the Honor System no person, either student or faculty member, acts as official proctor during examinations. Student self-government is further emphasized in every aspect of campus life.

The religious tradition bequeathed by the Quaker founders has been carefully cherished, and high ideals of life and conduct are maintained. Three times a month the College attends Friends Meeting in a body. The aims of Haverford have been gradually developing and its function is becoming more and more clear—"to encourage the growth, among a limited number of young men, of vigorous bodies, scholarly minds, strong characters, and a real religious experience."

A degree from Haverford College is in itself a certificate that the recipient is intellectually, morally, physically and socially

equipped to play his part, and in time assume a post of leadership, in the occupation and community of his choosing. A large proportion of Haverford graduates, however, customarily desire to supplement this equipment with distinctly professional education. For students desiring intensive preliminary training in medicine, the law, engineering, and other highly specialized subjects, the College offers combinations of courses which admit to the best professional schools with full standing, and in many cases with advanced credit.

Sample outlines of study at Haverford, preparatory to post-graduate specialization in all the major professions, have been prepared and may be obtained by application to the Director of Admissions. Whether or not he intends to proceed to graduate work the student will in all cases plan his course, and select his major subject, in consultation with faculty advisers.

The first College building was Founders Hall, erected in 1833 and still, with additional wings, in active use. The original astronomical observatory was built in 1852 and in 1933 was replaced by the present newly-equipped structure. The new library, constructed in 1940-41, has special facilities for research and contains approximately 157,000 volumes.

There are four separate dormitories and, besides modern classrooms, well-equipped laboratories for chemistry, physics, biology and engineering. The gymnasium was built in 1900; Roberts Hall, containing the college offices and a large auditorium, in 1903; the Haverford Union, used for many college activities, dates from 1910; the infirmary was built in 1912. In the summer of 1941 the college kitchens were completely modernized and a suitable campus dwelling was converted into a Language House with resident director. During the summer of 1942 another of the campus dwellings was remodeled into a Government House, which has rooms for fifteen students and an apartment for its director.

In addition to these buildings, made possible by the general and unfailing cooperation of alumni and friends of the College, there are a number of campus residences, occupied by members of the faculty and their families.

CORPORATION OF HAVERFORD COLLEGE

OFFICERS

MORRIS E. LEEDS, *President*.....4901 Stenton Ave., Germantown, Phila.
FELIX M. MORLEY, *President of the College*.....Haverford, Pa.
J. HENRY SCATTERGOOD, *Treasurer*.....1616 Walnut St., Phila.
JOHN FLAGG GUMMERE, *Secretary*.....W. School Lane and Fox Ave., Phila.

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Term Expires 1943

M. ALBERT LINTON.....Prov. Mut. Life Ins. Co., 46th & Market Sts., Phila.
JAMES P. MAGILL.....225 South 15th St., Phila.
J. RUSSELL ELKINTON.....789 Howard Avenue, New Haven, Conn.

Term Expires 1944

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THOMAS SHIPLEY BROWN.....Westtown, Pa.
C. REED CARY.....Ellet Lane & Wissahickon Ave., Mt. Airy, Phila.

Term Expires 1945

WILLIAM W. COMFORT.....Haverford, Pa.
LOVETT DEWEES.....Sweetwater Farm, Glen Mills, Pa.
THEODORE B. HETZEL.....768 College Avenue, Haverford, Pa.

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 EDWARD W. EVANS, *Secretary*.....304 Arch St., Phila.

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 HAROLD EVANS.....1000 Provident Trust Bldg., Phila.
 *ULRIC J. MENGERT.....Morris Building, Phila.

Term Expires 1944

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Term Expires 1945

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 JOHN A. SILVER.....Olney P.O., Phila.
 ALFRED BUSSELLE.....347 Madison Ave., New York, N.Y.
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 *OWEN B. RHODS.....Packard Bldg., Phila.

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Term Expires 1943

WILLIAM B. MELDRUM

Term Expires 1944

CLETUS O. OAKLEY

* Alumni Representative Managers.

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THE CORPORATION OF HAVERFORD COLLEGE

1942-1943

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President

Arranged in order of appointment to present rank

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* Deceased, November 2nd 1942.

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* Absent on leave 1942-43.

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Associate Professor of Public Speaking

ROY EARL RANDALL

Ph.B., *Brown University*
Associate Professor of Physical Education

RALPH M. SARGENT

A.B. *Carleton College*; Ph.D., *Yale University*
Associate Professor of English

CLAYTON WILLIAM HOLMES

B.S., *University of New Hampshire*; A.M., *Haverford College*; M.E., *University of New Hampshire*
Associate Professor of Engineering

THOMAS EDWARD DRAKE

A.B., *Stanford University*; M.A., *University of Michigan*; Ph.D., *Yale University*
Associate Professor of American History

CARL BARNETT ALLENDOERFER*

S.B., *Haverford College*; B.A. and M.A., *Oxford University*; Ph.D., *Princeton University*
Associate Professor of Mathematics

HOWARD MORRIS TEAF, JR.

B.S., in Econ., A.M., and Ph.D., *University of Pennsylvania*
Assistant Professor of Economics

HOWARD KNICKERBOCKER HENRY

B.S., *University of Pennsylvania*
Assistant Professor of Botany

WILLIAM EDWARD CADBURY, JR.

S.B. and A.M., *Haverford College*; Ph.D., *University of Pennsylvania*
Associate Professor of Chemistry

THEODORE BRINTON HETZEL

S.B., *Haverford College*; B.S., in M.E., *University of Pennsylvania*;
M.S. and Ph.D., *Pennsylvania State College*
Assistant Professor of Engineering

THOMAS OSWELL JONES

B.E., *Oshkosh Teachers College*; Ph.M. and Ph.D., *University of Wisconsin*
Assistant Professor of Chemistry

ALFRED WILLIAM HADDLETON

Assistant Professor of Physical Education

RICHARD MAX BERNHEIMER

Ph.D., *University of Munich*
Assistant Professor of Art

RENÉ BLANC-ROOS

S.B. and A.M., *Haverford College*
Assistant Professor of Spanish

LOUIS C. GREEN

A.B., A.M., and Ph.D., *Princeton University*
Assistant Professor of Astronomy

OMAR PANCOAST, JR.

B.S., *Johns Hopkins University*; Ph.D., *Columbia University*; C.L.U.
American College of Life Underwriters
Assistant Professor of Economics and Sociology

* Absent on leave 1942-43.

HAVERFORD COLLEGE

HERBERT WILLIAM TAYLOR

A.B., *Haverford College*; M.D., *University of Pennsylvania*

Lecturer in Hygiene

J. DUNCAN SPAETH

A.B. *University of Pennsylvania*; Ph.D., *University of Leipzig*
Litt.D., *University of Pittsburgh and Muhlenberg College*; LL.D., *University of Oregon*
and *University of Pennsylvania*

Visiting Professor of English Literature

EDMUND STINNES

Ph.D., *Charlottenburg Institute of Technology*

Visiting Professor of Government

WILLIAM HENRY CHAMBERLIN

A.B., *Haverford College*

Visiting Professor of Government

JEAN WILLIAM GUITON

Licencié-es-Lettres, *University of Paris*

Visiting Professor of French

ARLINGTON EVANS

B.P.E., *Normal College A.G.U.*; M.S., *Temple University*

Instructor in Physical Education

LINDSAY A. LAFFORD

Fellow of the *Royal College of Organists*; Licentiate of the *Royal Academy of Music*;
Associate of the *Royal College of Music*

Instructor in Music

MAYLON H. HEPP

A.B., and A.M., *Oberlin College*, Ph.D., *Brown University*

Instructor in Philosophy

THOMAS C. GIBB

A.B., *Dickinson College*; M.A., *Haverford College*

Instructor in English

JOHN OTTO RANTZ

Graduate of the *Williamson Free School of Mechanical Trades*

Instructor in Engineering

MANUEL J. ASENSIO

B.A., *University of Granada, Spain*
Pericial de Aduanas, Academia Oficial de Aduanas, Madrid

Instructor in Spanish

THOMAS A. BENHAM

B.S., *Haverford College*

Instructor in Physics

GEORGE VAUX*

B.S., *Haverford College*; D.I.C., *University of London*

Instructor in Physics

The Acting Dean, the Assistant Deans and the Registrar are ex-officio
members of the Faculty.

ASSISTANTS

ALAN S. FITZGERALD

Research Associate

in

Physics and Engineering

ROBERT ELINE HALTER

A.B., *Gettysburg College*

Chemistry

JONATHAN S. DIXON

B.S., *University of New Hampshire*

Chemistry

JOHN W. SEVRINGHAUS '43

Physics

* Absent on leave 1942-43.

OFFICERS OF ADMINISTRATION

FELIX M. MORLEY

A.B., *Haverford College*; B.A., *Oxford University*; Ph.D., *Brookings Institution*; L.L.D.,
Hamilton College and University of Pennsylvania; Litt.D., *George Washington University*
President

ARCHIBALD MACINTOSH

A.B., *Haverford College*; M.A., *Columbia University*
Vice President, Acting Dean, and Director of Admissions

WILLIAM MINTZER WILLS

A.B., A.M., *Haverford College*
Comptroller and Registrar

DEAN PUTNAM LOCKWOOD

A.B., A.M., and Ph.D., *Harvard University*
Librarian

ROBERT J. JOHNSTON

Superintendent

HERBERT WILLIAM TAYLOR

A.B., *Haverford College*; M.D., *University of Pennsylvania*
Physician in Charge

MANUEL J. ASENSIO

B.A., *University of Granada, Spain*
Pericial de Aduanas, Academia Oficial de Aduanas, Madrid
Resident Director of the Language House

OMAR PANCOAST, JR.

B.S., *Johns Hopkins University*; Ph.D., *Columbia University*; C.L.U.
American College of Life Underwriters
Resident Director of the Government House

LOUIS C. GREEN

A.B., A.M., and Ph.D., *Princeton University*
Director of the Strawbridge Memorial Observatory

THOMAS EDWARD DRAKE

A.B., *Stanford University*; M.A., *University of Michigan*; Ph.D., *Yale University*
Curator of the Quaker Collection

RALPH M. SARGENT

A.B., *Carleton College*; Ph.D., *Yale University*
Curator of the Gummere-Morley Memorial Room

BRINTON H. STONE

A.B., *Johns Hopkins University*; M.A., *Columbia University*
Assistant Dean

HAVERFORD COLLEGE

THOMAS C. GIBB

A.B., *Dickinson College*; A.M., *Haverford College*

Assistant Dean

AMY L. POST

A.B., *Earlham College*

Assistant Librarian

MABEL S. BEARD

R.N., *Lankenau Hospital*

Resident Nurse

HEBER R. HARPER

S.B., *Haverford College*

Administrative Assistant

MARY L. SCAIFE

Administrative Secretary

STANDING COMMITTEES OF THE FACULTY AND ADMINISTRATION

The President, Vice-President and Mr. Stone are ex-officio members of all committees. These administrative officers, together with three elected divisional representatives of the faculty, compose the Academic Council. Under the chairmanship of the President this body meets weekly throughout the academic year to consider matters of college policy. The elected members for 1942-43 are Professors Watson (Social Sciences), Sutton (Natural Sciences) and Snyder (Humanities).

Admissions

MR. MACINTOSH, *Chairman*
MESSRS. HERNDON, MELDRUM, RITTENHOUSE, SNYDER

Catalog

MR. WILLS, *Chairman*
MESSRS. DRAKE, GREEN, SNYDER, TEAF

Curriculum and Honors

MR. LOCKWOOD, *Chairman*
MESSRS. HOLMES, PALMER, PFUND, WATSON

Delinquent Students

MR. CADBURY, *Chairman*
MESSRS. GREEN, HERNDON, PALMER, POST, RANDALL

Fellowships and Prizes

MR. DUNN, *Chairman*
MESSRS. FETTER, JONES, OAKLEY, PFUND

Graduate Students

MR. STEERE, *Chairman*
MESSRS. H. COMFORT, FLIGHT, KELLY, LUNT

Library

MR. SARGENT, *Chairman*
MESSRS. DRAKE, HENRY, LOCKWOOD, TEAF

Pre-Medical Education

MR. MELDRUM, *Chairman*
MESSRS. DUNN, HEPP, SUTTON, STONE, DR. TAYLOR

Student Affairs

MR. PANCOAST, *Chairman*
MESSRS. ASENSIO, JONES, LAFFORD, RANDALL

Student Petitions

MR. MACINTOSH, *Chairman*
MESSRS. BLANC-ROOS, FETTER, HADDLETON, HETZEL

GENERAL REGULATIONS

ADMISSION

The policy of Haverford College is to admit to the freshman class those applicants who, in the opinion of the Committee on Admissions, are best qualified to profit by the opportunities which the College offers and at the same time to contribute to the undergraduate life. Due regard is given not only to scholarly attainment as shown by examination and by school record but also to character, personality, and interest and ability in important extra-curricular activities.

Whenever practicable, the College will arrange for the candidate to have a personal interview with a representative of this institution. Every applicant should realize that, in view of the limited enrollment, he is entering a competition for admission to a select and comparatively small student organization. On the basis of all information available—College Board reports, school record, class standing, evidence touching on character and personality—the application will be accepted or rejected, and the decision of the Committee on Admissions is final. Preference will be given to those with superior records and credentials rather than to those with mere priority of application.

Students who are accepted will be admitted without conditions. To those who on entrance show marked proficiency in certain subjects, as a result of special tests provided, advanced standing in those subjects will be granted.

Each applicant for admission must take the Scholastic Aptitude Test given by the College Entrance Examination Board, and usually the achievement tests given by the same Board as specified below. Applications involving divergence from the normal procedure must be discussed in detail with the Director of Admissions. In addition the applicant must present, on blanks furnished by the College, his school record and a certificate of character signed by his school principal. The school certificate must show satisfactory attainment in 15 units* of work as follows:

* "A unit represents a year's study in any subject in a secondary school, constituting approximately a quarter of a full year's work. A four years' secondary school curriculum should be regarded as representing not more than 16 units of work."

HAVERFORD COLLEGE

APPLICATION BLANK

TO THE DIRECTOR OF ADMISSIONS, HAVERFORD COLLEGE,
HAVERFORD, PENNSYLVANIA

Under the conditions set forth on page 20 of the Haverford College Catalog for 1942-43, I hereby make application for the entry of (*write name in full*):

.....
First name Middle name Last name

as a student in Haverford College during the year 19.....

Date of birth..... Religious affiliation.....

School last attended.....

Course which he desires to enter (mark one):

ARTS

SCIENCE

ENGINEERING

Languages presented for admission:

GREEK,	with.....	years of school preparation
LATIN,	"	" " " "
FRENCH,	"	" " " "
GERMAN,	"	" " " "
ITALIAN,	"	" " " "
SPANISH,	"	" " " "

Class which he desires to enter.....

Resident or Day Student.....

He desires accommodation involving an expense of \$.....
(Name and address of parent or guardian)

.....

.....19
Date Number Street

.....
City State

English.....	3 units
Mathematics.....	3 units
2 foreign languages.....	5 units†
Electives.....	4 units†
Scholastic Aptitude Test	

PREPARATORY SUBJECTS

The usual list of subjects which satisfy the requirements for admission to Haverford College is as follows:

SUBJECT	UNITS
English, four years.....	3
Mathematics	
Elementary Mathematics.....	3
Advanced Mathematics.....	4
Latin	
Two-Year Latin.....	2
Three-Year Latin—Prose Authors.....	3
Three-Year Latin—Poets.....	3
Four-Year Latin.....	4
Fourth Year Latin—Poets.....	1
Fourth Year Latin—Prose Authors.....	1
Greek	
Two years—Attic Prose and Composition.....	2
Third year—Homer.....	1
German	
Two years.....	2
Three years.....	3
Four years.....	4
French	
Two years.....	2
Three years.....	3
Four years.....	4
Spanish	
Two years.....	2
Three years.....	3
Four years.....	4
History	
Ancient History.....	1
Modern European History.....	1
English History.....	1
American History.....	1
English History and American History.....	2
American History and Contemporary Civilization.....	2

† If 4 units of Latin are offered, 6 units will be required for the two foreign languages, thus reducing the elective requirements to 3 units.

Science

Biology, elementary.....	1
Biological Sciences, two years.....	2
Chemistry, elementary.....	1
Physics, elementary.....	1
Physical Sciences, two years.....	2

A candidate for admission may offer electives either in the usual list or in such other subjects as may be approved in any given case by the Committee responsible for decisions concerning admission. Not more than one unit each may be chosen from these extensions, and then proficiency must be shown that indicates an amount of study and intellectual effort commensurate with that required in other subjects.

INFORMATION CONCERNING TESTS OF THE COLLEGE ENTRANCE EXAMINATION BOARD

In addition to the Scholastic Aptitude Test of the College Entrance Examination Board which is required of *all* candidates for admission, each candidate shall take, after consultation with the Admissions Office, three of the Achievement Tests listed below.

The College Entrance Examination Board will administer the following four series of tests in 1943:

JANUARY SERIES

Saturday, January 9

Scholastic Aptitude Test (including a mathematical section)

Achievement Tests—Not more than three of the following one-hour tests:

Social Studies	Biology
French Reading	Chemistry
German Reading	Physics
Latin Reading	Spatial Relations
Spanish Reading	

APRIL SERIES

Saturday, April 10—

Examination in Mathematics (including algebra, plane and solid geometry, and trigonometry)

A program of tests similar to those listed under January 9 above, but including a test in English Composition

JUNE SERIES

Saturday, June 5—

Same as April Series

SEPTEMBER SERIES

Wednesday, September 8—Same as April Series

A single Bulletin of Information containing rules for the filing of applications and the payment of fees, lists of examination centers, etc., may be obtained without charge from the College Entrance Examination Board. The Board does not publish a detailed description of the Scholastic Aptitude Test or the Achievement Tests. A practice form of the former test will be sent to every candidate who registers for it.

Candidates should make application by mail to the College

Entrance Examination Board, P.O. Box 592, Princeton, New Jersey. Blank forms for this purpose will be sent to any teacher or candidate upon request. When ordering the forms, candidates should state whether they wish to take the January, April, June, or September tests.

In order to facilitate the arrangements for the conduct of the tests, all applications should be filed as early as possible. Each application should be accompanied by the appropriate examination fee, which is four dollars for candidates who take only the Scholastic Aptitude Test and eight dollars for all other candidates. Applications and fees should reach the office of the Board not later than the dates specified in the following schedule:

FOR EXAMINATION CENTERS	JANUARY SERIES	APRIL SERIES	JUNE SERIES	SEPTEMBER SERIES
East of the Mississippi River or on the Mississippi.....	December 19	March 20	May 15	August 18
West of the Mississippi River or in Canada, Mexico, or the West Indies	December 12	March 13	May 8	August 11
Outside of the United States, Canada, Mexico, and the West Indies.....	...	February 13	April 24	...

Related applications will be subject to a penalty fee of three dollars in addition to the regular fee.

When a candidate has failed to obtain the required blank form of application, the regular fee will be accepted if it arrives not later than the specified date and is accompanied by the candidate's name and address, the exact examination center selected, the college to which his report is to be sent, and the test or tests he is to take.

The Board will report the results of the tests to the institution indicated on the candidate's application. The colleges will, in turn, notify the candidates of the action taken upon their applications for admission. Candidates will not receive reports upon their tests from the Board.

ADVANCED STANDING

Since Haverford offers an integrated education, admission with advanced standing is granted only in a limited number of cases. An undergraduate who comes from an approved college must submit an official statement of his honorable dismissal, together with a full list of his accepted preparatory subjects, and a list of all his college courses with his record therein.

COURSES OF STUDY

Haverford College recognizes each matriculate as an individual whose training in the past and whose plans for the future may differentiate him from his fellows. The College accordingly lays

out tentatively an individual plan of study for each student at the beginning of his Freshman year. This plan is confirmed or modified for each succeeding year.

In making each plan, the College directs Faculty members to see to it that the student takes in his Freshman and Sophomore years certain courses which are required in *his* case and that he distributes his limited electives so as to make the plan both broad and sound.

Haverford College confers at graduation the degrees of Bachelor of Arts and Bachelor of Science, the requirements for the two degrees being identical except in the matter of foreign languages.

Twenty academic courses plus three Physical Education courses are required for graduation. The academic courses may be classified as follows:

Required.....	1
Limited Electives.....	5 or 6
(Foreign Language 1 or 2, others 4)	
Major Concentration (average).....	6
Free Electives.....	7 or 8
Total.....	<hr/> 20

For those who undertake an accelerated program the equivalent of thirty-six courses of one term each are required. The numbers of required courses, limited electives, average major concentration courses are the same as for those who do not accelerate.

REQUIRED COURSES

Two one-term courses in English, and Physical Education 1, are required of all Freshmen. Physical Education 2 and Physical Education 3 are required of all Sophomores and Juniors respectively.

LIMITED ELECTIVES

1. Each student who is a candidate for the Bachelor of Arts degree should present at entrance 4 units of Latin and 2 units of another foreign language, or 3 units of Greek and 2 units of another foreign language. Candidates presenting only 3 units of Latin must pass a course of one term in Latin or Greek after entrance, those presenting 2 units, a course of two terms and those presenting none, two courses of two terms each.* Candidates presenting less than 3 units of Greek must pass at least one course in Greek or Latin.

Each student who is a candidate for the Bachelor of Science

* Candidates presenting only 3, 2, or no units of Latin are referred to page 76.

degree should present at entrance 3 units of one foreign language and 2 of another. After entrance he must pass either one course in a language which he has presented for entrance or two courses in a third foreign language. A candidate must pass 2 two-term courses or the equivalent in mathematics, or engineering, or natural science, after entrance.

2. Each student must pass a course of two terms or two courses of one term each in Literature, either English or foreign, from the following list: English *8b*, *11a*, *12b*, *14b*, *15a*, *21a*, *22b*, *23a*, *25a*, *26b*, *27a*, *30b*, *32b*, *41a*, *42b*, and *43a*; French *4*, *16b*, *17a*, *18b*, *19a*, *22b*; German *5a*, *6b*, *11a*, *12b*, *13a*, *14b*, *15a*, *17b*, and *18b*; Greek *2*, *3*, *7a*, *8b*, *9a*, *10b*, and *27a*; Latin *5a*, *6b*, *7*, *9a*, *10b*, *11*; Spanish *3*, *5a*, *6b*, and *7*. Any course in Art or Music, may be substituted for a Literature course, with the permission of the departments concerned.

3. Each student should present one course involving laboratory work in Biology, Chemistry, or Physics, or must take one after entrance.

4. Each student must pass a course of two terms or two courses of one term each chosen from Biblical Literature *1a*, *2b*, *4b*, *5a*, *6b*, *8b*; Philosophy *5*, *7a*, *9a*, *10b*, *17a*, *18b*, or Sociology *1a*, *2b*, *4b*.

5. Each student must pass a course of two terms or two courses of one term each in Economics, Government, or History.

MAJOR CONCENTRATION

A student may elect to major in any one of the following departments: Astronomy, Biblical Literature, Biology, Chemistry, Economics, Engineering, English, French, German, Government, Greek, History, Latin, Mathematics, Philosophy, Physics, Sociology, Spanish.

Definite requirements of each department are stated under the name of the department on pages 53-88 and are understood as applying to the class of 1946. During the fourth term of his attendance each student must confer with the Major Supervisor of the department in which he wishes to major, and must apply for written approval of a program of courses for the last four terms. Such a program must provide for the completion by the end of the Senior year of no fewer than six courses, at least three of which must have been in the major department and the others in closely related fields. Courses taken before the Junior year are included or not, at the discretion of the Major Supervisor. Should the student's application be rejected by the department of his first

choice, he must immediately apply in another. Failure to file with the Dean, before the date specified on the College Calendar, a copy of his Major program, signed by his Major Supervisor, will entail a fine of \$5. Any student who continues delinquent in this matter will be debarred from the final examinations in his fourth term. Should the student's application be rejected by all the departments to which he applies, he will not be promoted.

A student who applies for permission to become a Major in any Department may be rejected *for scholastic reasons only*. The College rule on this point is:

If, at the time specified for application, the average of the grades obtained by a student in the preliminary courses and "major requirements" of any department is 75 or above, the student will be accepted by that department.

If the average of the grades obtained in these courses is below 70, the student will be accepted in that department only under exceptional circumstances.

If the average of the grades obtained in these courses is 70 or above, but below 75, the decision will be at the discretion of the Major Supervisor, the decision to be made after consultation with one of the administrative officers of the College.

Interpretation:

The phrase "preliminary courses," above, is understood to mean any courses the student may have taken already in the department for which he is applying. If the applicant has not already taken any courses in that department, the department should name courses in other departments which might be regarded as "preliminary."

On a student's official major card shall be listed *only* those major courses and closely related courses which constitute his major program. The student chooses his own free elective courses for his last four terms, after consultation with his Major Supervisor, "whose power outside the field of major concentration is, however, merely advisory." (Catalog, 1937, page 36.) To permit the student to change his plans, at his discretion, regarding these free electives, they should never be included on the major card.

Each student shall consult with his Major Supervisor within the first two weeks of each semester during his last four terms for the purpose of reviewing his program of courses. Due notice of this responsibility is to be given by the Dean to the students and to the Major Supervisors.

Each Senior must take a special Major examination (written,

oral, or both) during the week preceding the final examination period. The passing grade for this examination is 70. In case of failure a candidate may, with the permission of his Major department, present himself for re-examination at a date (to be determined by the Major Supervisor) later than Commencement Day of the current year.

If the re-examination be taken one year later, during the regular period of major examinations, there is no fee. But if the candidate applies for re-examination at an earlier date (involving the preparation of a special examination for one individual) and if the request is granted, the fee is \$25.00.

A student who has been formally accepted as a Major by any department has the right to remain as a Major in that department as long as he is in College. Should he wish to change from one department to another after the beginning of his fifth term, the change can be made only by the consent of the two Major Supervisors concerned and the Dean.

In order to allow time for preparation for the Major examination, any Senior may omit, with the consent of his Major Supervisor, one non-Major half-year course in the second half-year.

Mid-year and final examinations in the Major subject in courses taken in the Senior year may be omitted at the discretion of the Major Supervisor.

FREE ELECTIVES

A number of courses sufficient to bring the total to twenty-three shall be chosen by the student, with the understanding that for the Freshman and Sophomore years the College reserves the right through the deans to prevent unreasonable combinations of courses but that in the Junior and Senior years the student will choose his free electives after consultation with his Major Supervisor, whose power outside the field of major concentration is, however, merely advisory.

PROGRAMS

Freshman Program

Although the Dean is instructed to lay out for each Freshman a plan of study suited to his special needs, the Faculty requires that English be taken throughout the year, and recommends in all usual cases that Freshmen take one or two foreign languages, and two or three courses chosen from History, Mathematics, and Science, not more than one in any one of those fields.

The courses open to Freshmen, in addition to the required work in English and Physical Education, are:

Biology 1 or 2	Greek 1, 2, 3
Chemistry 1 or 2	History 1
Engineering 1a, 2b, 10b	Latin 1, 3, 5a, 6b, 7
French 1, 2 or 3	Mathematics 1
German 1, 2 or 3	Physics 1 or 1-2
Government 3a	Spanish 1 or 3

In special cases, Freshmen may be admitted to certain other courses with the consent of the Dean.

A Freshman will not be permitted to take more than five courses, in addition to Physical Education, except with special consent of the Faculty. As to requisite grades, see page 38.

Sophomore Program

Each Sophomore must take five courses, besides Physical Education, and may not take more than five, unless he receives the special consent of the Faculty, or is required to repeat or substitute a course, in which case he must obtain the consent of the Dean to take more than five courses. As to requisite grades, see page 38. The following courses are open to Sophomores:

Astronomy 1a, 3	Greek 1, 2, 3, 7a, 8b, 9a, 10b, 11a, 12b, 27a
Biblical Literature 1a, 2b, 5a, 4b, 6b, 8b	History 1, 2, 3, 5, 6, 13a, 14b
Biology 1, 2, 3, 4, 5	Italian 1, 2
Chemistry 1, 2, 3, 4	Latin, all courses
Economics 1	Mathematics 2, 3, 13a
Engineering 1a, 2b, 3a, 4b, 5a, 7a, 8b, 10b	Music 1, 2, 4, 5
English 4b, 11a, 12b, 14b	Philosophy 1a, 4b, 5, 11a, 15a, 9a
French 1, 2, 4	Physics 1, 2
German 1, 2, 3, 5a, 6b, 9a, [10b], 11a, 12b, 18b	Sociology 1a, 2b, 4b
Government 2b, 4b	Spanish 1, 3, 5a, 6b

Junior Program

Each Junior must take five courses, besides Physical Education, unless he receives the consent of the Faculty to take a greater number, or is required to repeat or substitute a course, in which case he must obtain the consent of the Dean to take more than five courses. A general average of 70 for the year is a prerequisite for promotion to the Senior class.

Senior Program

Each Senior must take five courses, unless he receives the consent of the Faculty to take a greater number or the consent of his Major Supervisor to drop one course in the second half-year, or unless he is required to repeat or substitute a course, in which case he must obtain the consent of the Dean to take more than five

courses. A general average of 70 for the year is a prerequisite for graduation.

SPECIAL CASES

Whenever a student gives proof of special aims and abilities, the College is prepared to lay aside such requirements of the preceding plan as stand between him and the accomplishment of his ambitions. An undergraduate who is not required to take extra work because of a deficiency or delinquency may take extra courses at a charge of \$25.00 for each extra semester course, by applying to the Petitions Committee. No refund will be made to a student who drops a sixth course after the first two weeks of a semester.

CONFLICTING COURSES

A student is not allowed to elect conflicting courses, except with the permission of the Dean and the two instructors concerned. In case of conflict involving a repeated course the repeated course takes precedence.

INTERCOLLEGIATE COURTESY

Because of the cooperative relationship now existing between Bryn Mawr College, Haverford College, Swarthmore College, and the University of Pennsylvania, full-time students of one of these four institutions may, upon presentation of the proper credentials, enroll for courses in another institution of the group. This institutional courtesy does not involve the payment of additional fees except in the case of laboratory courses, in which case the visiting student will be charged the same laboratory fees or deposits as students in the institution to which he goes.

Students desiring to take advantage of this arrangement should secure the permission of the Student Petitions Committee, of which the Dean is chairman, and also the permission of the chairman of that Haverford department under which the course involved would most naturally fall. It is also desirable that the instructor giving the course be consulted in advance. Graduate students will obtain the permission of the Committee on Graduate Students instead of the Student Petitions Committee. Ordinarily the holder of a graduate fellowship will not be permitted to take more than one course in another institution for credit on his Haverford record.

The Presidents of Bryn Mawr, Swarthmore, and Haverford consult at regular intervals to further cooperative arrangements between their respective institutions.

DEGREES

BACHELOR OF ARTS AND BACHELOR OF SCIENCE

Students who have received credit for the full number of courses in prescribed and elective studies, provided they have for the Junior and Senior years respectively a general average, for the year, of 70 or above, and provided they have passed their Major examinations with a grade of 70 or above, are granted the degree of Bachelor of Arts or Bachelor of Science. For the difference in the requirements for the two degrees, see page 24. The fee for the Bachelor's degree is \$15.

MASTER OF ARTS AND MASTER OF SCIENCE

Admission to Candidacy.—Graduates of Haverford College or an institution of equivalent standing, who present satisfactory evidence of character, seriousness of purpose, and scholarly attainments, may be admitted as candidates for the degree of Master of Arts or Master of Science. A candidate should have a reading knowledge of one foreign language, ancient or modern.

Requirements.—A candidate who is well prepared for advanced study in his special field is required to pass four advanced courses (each with a grade of not less than 80) and to do satisfactory additional intensive work, equivalent at least to a full course, which may take the form of a thesis or other research. (In a full year course in which credit is not granted for the work of a single term, the course grade is the average of the two term grades; in other cases each term's work is a separate course, for the purposes of this requirement.) At least two of the courses and the additional intensive work must be in the same field and the remaining courses in allied subjects. In addition, the candidate may, at the discretion of the professor in charge, be required to pass a comprehensive examination upon the field of his major subject. The scope of the examination will be determined by the professor in charge, and will be communicated to the candidate when he is admitted as a graduate student. The entire plan of study must be drawn up by the candidate in consultation with the professor under whom he proposes to do the major part of his work. This plan must be submitted for approval before October 1 to the Chairman of the Committee on Graduate Students. After approval by this Committee, the program must be filed with the Registrar. Before award of the Master's degree the candidate must deposit two copies of his thesis in the College library.

A minimum of one year's residence is required, and a candidate, if well prepared, should be able to complete his work for the degree in this time. If his preparation is inadequate a longer period of residence may be necessary, but candidates for the Master's degree must complete the required work in not more than two academic years. Courses taken before the registration of the candidate as a graduate student at Haverford College will not usually be counted toward the degree.

Candidates who engage in any occupation or employment other than graduate study will not in general be able to satisfy the requirements for the degree in one year.

Charges.—The charges for a Graduate Student are: tuition, \$450; board, \$300; lodging, \$175. The fee for the Master's degree is \$20. Laboratory fees, supplies, breakage, and incidentals are extra.

Fellowships.—Six graduate fellowships of \$800 each are available each year primarily for members of the Society of Friends and for the graduates of other Friends' Colleges in the United States, who wish to study for the Master's Degree in any department of Haverford College which may be selected, provided the proposed schedule of study is approved by the Committee on Graduate Students. Any recipient of a graduate fellowship should have additional resources of at least \$300. The board and lodging must be at Haverford College unless by arrangement with the Dean they are taken at the neighboring Quaker community of Pendle Hill.

Applications should be accompanied by a certified list of the applicant's courses and grades as an undergraduate, three letters concerning the character, personality, financial condition and qualifications of the applicant, a copy of the catalog of the institution in which the applicant was an undergraduate, and a small photograph. Applications and material should be in the hands of the Dean of Haverford College before March 1st to secure consideration for the following year.

Courses offered.—The following courses are open to graduate students: Astronomy 3a, 3b, 5a, 6b, 7a, 8b, 9a, 10b; Biblical Literature, 4b, 5a, 6b, 8b, 9a, 10b; Biology 3, 4, 5, 7, 10; Chemistry 5, 11a, 12b, 13a, 14b, 15a, 17a, 18b, 21a, 22b; Economics 3a, 4b, 5a, 6b, 8b, 10b, 11a, 13a, 14b, 15; Engineering 11a, 12b, 13a, 14b, 15a, 18b, 21a, 22b, 23a, 24b, 25a, 26b, 27a, 28b; English 21a, 22b, 23a, 24b, 25a, 26b, 28b, 30b, 41a, 42b, 43a; French 5, 16b, 17a, 18b, 19a; Geology 1; German 5a, 6b, 9a, [10b], 11a, 12b, 13a, 14b, 15a, 17a, 18b; Gov-

ernment 5a, 8b, 9a, 10b, 11a, 13a, 14b, 15a, 16b, 17a, 18b; Greek 3a, 4b, 7a, 8b, 9a, 10b, 11a, 12b, 27a; History 2, 3, 4, 5; Italian 2; Latin 9a, 10b, 11, 13a, 14b, 17a; Mathematics 7a, 8b, 9a, 10b, 11a, 13a, 14b, 16b, 19a (Mathematics 3 open to students majoring in other departments); Music 3a; Philosophy 2b, 5, 7a, 9a, 10b, 11a, 12b, 17a, and 18b, 21; Physics 3, 4b, 5a, 9a, 10b, 11a, 12b, 13, 16b; Sociology 2b, 4b, 5a, 6b, 7a, 8b; Spanish 5a, 6b, 7. Additional work may be required of graduate students in any of these courses. Certain other courses may be taken by graduate students as subsidiary to the major field of work, with the consent of the Committee on Graduate Students and the instructor in charge.

HONORS

Honors are awarded for excellence in the studies of single departments. They are never given merely for performance of routine work in courses, but a considerable amount of extra work is demanded in every case.

Honors are of three kinds: *Honorable Mention*, *Preliminary Honors*, and *Final Honors*.

Honorable Mention† will be awarded at the end of the Freshman or Sophomore years for work in a single course meeting at least two hours per week throughout the year, and additional work to the total amount of not less than 60 hours. Candidates for Honorable Mention must obtain a minimum grade of 85 in the regular work of the course and pass creditably an examination on the additional work required. Two courses of one term each in the same department may be construed as a single course.

A Freshman who has received the prescribed grade in the regular work of a course required for Honorable Mention, but who has not done the additional work required in connection with such course, may, with the consent of the professor in charge, do so during the Sophomore year.

Preliminary Honors will be awarded at the end of the Sophomore or Junior year for work in not less than two courses of two terms each in a single department, and additional work to the total amount of not less than 120 hours. Candidates for Preliminary Honors must obtain a minimum average grade of 85 in the courses required for such honors and a grade satisfactory to the

† Honorable mention is awarded in Freshman English in connection with the work of the second half-year (English 2b).

Department in such of these courses as are taken in the Sophomore or Junior year, and must pass creditably examinations on the additional work required.

Final Honors are graded as Honors, High Honors, or Highest Honors. They will be awarded upon graduation only to students whose work in a major field of concentration has been done with marked distinction and has been more profound or more extensive in its scope than the minimum required. The award of Honors is at the discretion of the major department, but the award of High or Highest Honors is to be made by vote of the Faculty upon recommendation of a department or group of related departments. In order to receive High or Highest Honors, the student will usually be given a public oral examination, and for Highest Honors, the verdict of an outside examiner may be obtained if deemed desirable. The various departments and divisions will adopt such specifications for Final Honors as they see fit.

At the time of the award of Honors there shall be added to the general average for the year of each student receiving Honors, one-half of one per cent for each award of Honorable Mention or Preliminary Honors. Honors, High Honors, and Highest Honors shall automatically add one, two, and three per cent respectively to the average for the Senior year of each student receiving such award.

PRIZES

All material submitted in competition for prizes should be deposited with the Registrar under assumed names, with a sealed envelope containing the writer's real name, *before May 1*.

All prizes awarded in books are marked with appropriate bookplates. As soon as possible after the award a list of standard books, from which selection is to be made, should be submitted for approval to the head of the department awarding the prize. Books selected from the approved list may then be ordered through the College Office or elsewhere. The College grants an average discount of ten per cent on prize books, and supplies the bookplates.

ALUMNI PRIZE FOR COMPOSITION AND ORATORY

The Alumni Association, in the year 1875, established an annual prize of \$50 in money for excellence in composition and oratory. This prize is now divided between the two members of the winning team in the Senior-Junior debate.

THE EVERETT SOCIETY MEDALS

To the members of the winning team in the annual Sophomore-Freshman extemporaneous debate, medals are given in memory of the Everett Society.

JOHN B. GARRETT PRIZES FOR SYSTEMATIC READING
IN LITERATURE

A first prize of \$50 and a second prize of \$25 will be given at the end of the Junior or Senior year to the two students who, besides creditably pursuing their regular course of study, shall have carried on the most profitable program of reading in a period or comprehensive topic in the field of literature (ancient, American or foreign) during at least two years of their college career.

The administration of these prizes is in the hands of the Committee Fellowships and Prizes, with which the candidate shall register and which shall approve the subject chosen. The Committee will then recommend the candidate to the Department(s) to which he should apply for counsel and guidance. An oral examination will be arranged in the final year to determine the scope and quality of the reading.

The winners will be determined by the Committee after consultation with the Departments concerned. Either or both of these prizes may be omitted if, in the judgment of the Committee, the work does not justify an award.

THE CLASS OF 1896 PRIZES IN LATIN AND MATHEMATICS

These are two prizes worth \$10 each. They will be awarded in books at the end of the Sophomore year to the students who have done the best work for the two years in Latin and Mathematics, respectively.

THE LYMAN BEECHER HALL PRIZE IN CHEMISTRY

The Class of 1898 on the twenty-fifth anniversary of their graduation established a prize in honor of Lyman Beecher Hall, Professor of Chemistry at Haverford College from 1880 to 1917.

This prize amounts to \$100 and may be awarded to a student who has attained a high degree of proficiency in chemistry and who shows promise of contributing substantially to the advancement of the science. This prize may be awarded to a Junior, to a Senior, or to a graduate of Haverford College within three years after graduation. It may be awarded more than once to the same student, or may be withheld.

THE CLASS OF 1902 PRIZE IN LATIN

The Class of 1902 offers a prize of \$10 in books to the Freshman whose work in Latin, in recitation and examinations combined, shall be the most satisfactory to the professor in charge of the department.

THE DEPARTMENT PRIZES IN MATHEMATICS

A first prize of \$15 and a second prize of \$10 are awarded on the basis of a three hour examination on selected topics in Freshman Mathematics. The examination is held on the first Monday after the Spring Recess, and is open to Freshmen only.

THE ELLISTON P. MORRIS PRIZE

A prize of \$40, open to all undergraduates and to graduates of not more than three years' standing, is offered every year for the best essay bearing on the general problem of "International Peace and the Means of Securing It." No prize will be awarded unless a high standard of merit is attained. Essays should be deposited with the Registrar before May 1. The judges shall be appointed by the President of the College. For the 1942-43 competition the following subjects are offered:

1. A Critical Evaluation of Leading Proposals for Post-War Reconstruction.
2. What Could We Expect of a Negotiated Peace?
3. A Concrete Contribution to European Peace: Danzig and Fiume as Future Free Ports.*
4. America's Part in Post-War Organization.

The presentation should be not merely a catalog of events but also an interpretation and estimate of them. Each essay should contain references, in the form of footnotes and bibliography, to the authorities consulted.

Essays submitted by undergraduates for this prize may also be submitted for the Elizabeth P. Smith Prize, but the two prizes will not be awarded to one person.

THE ELIZABETH P. SMITH PRIZE

A prize of \$40 is offered annually to the undergraduate who presents the best essay on international peace under the same conditions and terms as the Elliston P. Morris Prize. Essays for this

* A student may concentrate on a study of either Danzig or Fiume if he wishes to focus his essay in that way.

prize should be deposited with the Registrar before May 1. The judges shall be appointed by the President of the College.

PRIZES IN PHILOSOPHY AND BIBLICAL LITERATURE

A prize of \$40 in books is offered each year to the student who, in the judgment of the professor in charge, does the most satisfactory amount of outside reading in philosophy in connection with the courses in that department. A second prize of \$25 in books is also offered.

A prize of \$40 in books is offered each year to the student who, in the judgment of the professor in charge, does the most satisfactory amount of reading on the Bible and related subjects. A second prize of \$25 in books is also offered.

These prizes may be competed for during any year of the College course.

THE SCHOLARSHIP IMPROVEMENT PRIZES

A first prize of \$50 and a second prize of \$45 will be given at the end of the Senior year to the two students who, in the opinion of the judges appointed by the President of the College, show the most steady and marked improvement in scholarship during their college course.

THE CLASS OF 1910 POETRY PRIZES

Two prizes of \$15 and \$10 respectively are awarded for the best verse written by a Haverford undergraduate during the year. Typewritten manuscript, under an assumed name, should be deposited with the Registrar not later than May 1. The judges shall be appointed by the President of the College.

THE LOGAN PEARSALL SMITH PRIZE

An annual award of \$50 in books will be made to that member of the Senior Class who, in the opinion of the Committee on Prizes, has the best personal library. Consideration of the books collected will be entirely independent of their cost.

Candidates must register with the Committee on Fellowships and Prizes before March 1. The contest closes May 1. By that date every candidate shall have deposited with the Registrar a list of books and a brief essay explaining the purpose of his collection.

THE FOUNDERS CLUB PRIZE

A prize of \$25 is offered by the Founders Club to the Freshman who is judged to have shown the best attitude toward college activities and scholastic work.

THE S. P. LIPPINCOTT PRIZE IN HISTORY

A prize of \$100 is offered for competition in the Department of History under the following general provisions:

First—The prize may be withheld in any year, if the conditions listed below are not met by any of the competitors to the satisfaction of a majority of the judges.

Second—The prize shall not be awarded twice to the same student.

Third—Competition is open to Sophomores, Juniors, and Seniors who have taken or are taking work in the Department of History.

Conditions

In competition for this prize an essay shall be submitted of not less than 5,000 words, offered as evidence of scholarly ability in the collection and presentation of historical material, treating a subject selected from a list announced by the Department of History before November 15. The essay should contain references in footnotes to the authorities consulted and a bibliography of works cited.

The essay shall be typewritten and deposited under an assumed name with the Registrar before May 1.

For the competition of 1942-43 the following subjects are submitted:

1. The Policies of Gladstone's Cabinet from 1880 to 1885.
2. German Reparations, 1918-1933.
3. American Relations with Japan in the Twentieth Century.
4. Public Opinion on Secession from the Election of Lincoln to the Firing on Fort Sumter.

THE NEWTON PRIZE IN ENGLISH LITERATURE

The Newton Prize in English Literature (\$50) may be awarded annually on the basis of Final Honors in English, provided that the Department judges that the work of the leading candidate merits such award.

THE WILLIAM ELLIS SCULL PRIZE

The William Ellis Scull Prize (\$50) will be awarded annually to the upper classman who shall have shown the "greatest achievement in voice and the articulation of the English language."

THE GEORGE PEIRCE PRIZE IN CHEMISTRY OR MATHEMATICS

In memory of Dr. George Peirce, 1903, a prize of \$50 is offered annually to a student of Chemistry or Mathematics "who has shown marked proficiency in either or both of these studies and who intends to follow a profession which calls for such preparation. Preference is to be given to a student who has elected organic chemistry, and failing such a student, to one who has elected Mathematics or some branch of Chemistry other than organic. Should there be two students of equal promise, the one who is proficient in Greek shall be given preference." The prize is offered, however, exclusively for students who expect to engage in research, and it will not be awarded unless the candidate has this expressed intention.

ENGINEERING PRIZE

The Engineers Club of Philadelphia offers an award of merit (\$25) to the Senior in Engineering courses who best demonstrates the qualities of scholarship, leadership and personality.

THE NATIONAL FOUNDATION FOR EDUCATION IN AMERICAN CITIZENSHIP PRIZE

A cash prize of \$100 for the best essay, by a Haverford undergraduate, on the subject of "The Basic Principles Underlying the Government of the United States" is offered by this Foundation. The essay shall be typewritten, should not exceed five thousand words, and must be deposited under an assumed name with the Registrar before May 1, 1943. Accelerating Seniors are eligible for this competition and may submit their essays after leaving College.

GRADING OF STUDENTS

In determining the standing of the student, daily recitations, hour examinations, and final examinations are all considered. Reports, with numerical grades and averages, are issued at the end of each term.

Grouped according to averages for the semester, the sections in each class are as follows:

Sections	Averages
A	90 to 100
B	80 to 90
C	70 to 80
D	60 to 70
	Failures
E	50 to 60
F	Below 50

+ or - following the average for the semester indicates that it is above or below the student's average for the preceding semester.

Freshmen are expected to obtain a general average for the year of at least 60 for promotion to the Sophomore class; Sophomores are required to obtain a general average for the year of at least 65 for promotion to the Junior class; Juniors, 70 for promotion to the Senior class; and Seniors, 70 for graduation.

DELINQUENT STUDENTS

A student who obtains grade E (50 to 60) as his half-year mark in any course is allowed a re-examination in September following the failure (on the Monday, Tuesday or Wednesday immediately preceding the opening of College). To Seniors who obtain the Grade E (except in the Major examination, see page 26) re-examinations will be given in June during Commencement week. Re-examinations (at a fee of \$5 per half-year course) are scheduled only upon written request received by the Registrar before September 10, upon which date copies of the re-examination schedule will be mailed to all applicants, and after which date additional subjects will be scheduled only upon payment of an additional fee of \$10. Late applicants (after September 10) for examinations already scheduled must make an additional payment of \$5 per subject before their acceptance as candidates for re-examination. All fees for re-examinations must be paid in advance. A student who obtains grade F (below 50) as his half-year mark in any course is not permitted to take a re-examination in that course.

A student with F as his term grade, or with E as his term grade in any course after the re-examination privilege has lapsed, must repeat the course if it is a required course (repeated courses take precedence in the case of conflict, and are recorded and averaged in the year of repetition), or may substitute some other course if the failure is an elective course. No course may be repeated more than once; failure to pass a repeated required course will consequently prevent a student from obtaining this degree.

A fee of \$15 per term is charged for all repeated or substituted courses.

No student, after his freshman year, shall be permitted to drop a course after the second week of a term, except upon the recommendation of the Dean and with the approval of the Faculty. A course, once reported to the College office, shall not be removed from the student's record. In the case of failure this shall apply, even though the credit deficiency has been made up by taking an extra course in a subsequent semester, or applying a credit previously obtained. If a student fails a course and wishes to make up

the credit deficiency by taking an extra course in the subsequent term, the Committee on Student Petitions shall grant him this permission only if he first forfeits all right to re-examination in his failed course.

A Sophomore who fails to attain promotion average (see page 39), and who has not more than two failures, may have the privilege of taking re-examinations in the two half-courses in which he has received the lowest grades, provided that these grades be better than F. A Senior or Junior who fails to attain promotion average (see page 39), and who has not more than one failure, may take a re-examination in the course of one term in which he has received the lowest grade, provided that this grade be better than F.

Any student whose record is such as to justify the belief that he is not availing himself of the opportunities offered by Haverford College may be dropped. Usually a student who has more than two courses of one term each of failures against him at the opening of College in September will be dropped. In such cases no refund will be made (see page. 42).

FINANCIAL ARRANGEMENTS

ROOMS

Entering Freshmen are assigned rooms in the order in which their application blanks for admission (see page 20) are received. It is, of course, not always possible to meet the desire of Freshmen for the cheapest rooms. Twelve of the \$100 rooms are regularly reserved for Freshmen. The College assumes that a new student will accept any available room of approximately the same price as the room for which a preference is expressed. The choice of rooms by other students is governed by published rules.

A deposit of \$15 is required of all students, old and new, before a room is reserved. In case the student occupies the room, the amount will be deducted from his bill for the following year; otherwise it will be forfeited, unless the student be *excluded by the College* for failures or other sufficient reason, in which case the fee will be refunded upon request.

Students are expected to treat their own and College property with the same consideration as in their own homes. A student is held financially responsible for any damage to his room, and any damage wilfully done will be sufficient reason for requesting withdrawal from the College.

The College does not hold itself responsible for the safe-keeping of private property left by the students in their rooms, or elsewhere on the campus.

EXPENSES

The combined charge for tuition (\$450), board (\$300), and room rent (\$100 to \$225, according to location), varies from \$850 to \$975 for the fall and spring terms. The charge for the summer session is \$45 for each term course, \$10 a week for board, and \$40 to \$55 for room rent. These charges, which may be altered by the Board of Managers if circumstances render such action necessary, include heat, electric light, attendance, and the use of necessary bedroom furniture, *i.e.*, a chiffonier and a bed, the linen for which is furnished and laundered by the College. Students will supply their own study furniture, blankets and towels. In general two students share one study and each has his private bedroom adjoining. A few single rooms are also available. The number of students accommodated in the several halls and the combined charges are as follows:

	Fall and Spring Terms
Merion Hall.....	16 at \$850 each
Merion Hall.....	11 at \$875 each
Merion Hall.....	14 at \$900 each
Founders Hall.....	14 at \$850 each
Founders Hall.....	8 at \$875 each
Founders Hall.....	3 at \$885 each
Founders Hall.....	6 at \$900 each
Barclay Hall.....	27 at \$850 each
Barclay Hall.....	5 at \$875 each
Barclay Hall.....	5 at \$900 each
Barclay Hall.....	1 at \$925 each
Barclay Hall.....	69 at \$940 each
Government House.....	6 at \$925 each
Government House.....	4 at \$950 each
Government House.....	4 at \$975 each
Language House.....	4 at \$850 each
Language House.....	1 at \$875 each
Language House.....	9 at \$900 each
Language House.....	2 at \$925 each
Lloyd Hall.....	66 at \$940 each
Lloyd Hall.....	32 at \$975 each

The charge for tuition of day-students is \$450 for the fall and spring terms and \$45 for each term course for the summer. A laboratory fee (as specified elsewhere in this catalog) and the cost of materials consumed and of apparatus broken are charged in each of the laboratories. The fee for dropping a course after two weeks is \$15. The fee for the Bachelor's degree is \$15. For Graduate Student fees, see page 31.

The Board of Managers requires that bills rendered October 1 for three-fifths of the student's total cash indebtedness for the current fall and spring terms for room, board, and tuition must be paid *in full before* November 1. Those rendered February 1 for the balance of the fall and spring terms, must be paid *in full before* March 1. Failure to pay within the specified period automatically cancels the student's registration.

No reduction or refund of the tuition charge will be made on account of absence, illness or dismissal during the year. If the student shall withdraw or be absent from college for any reason, there will be no reduction or refund because of failure to occupy the room assigned for that semester. In case of illness or absence for any other reasons from the college for six weeks or more, there

will be a proportionate reduction for board provided that notice is given to the Comptroller at the time of withdrawal. Fees cannot be refunded for any reason whatsoever.

As an associate to The Tuition Plan the college is able to extend to parents or guardians the opportunity of paying tuition and other college fees in equal monthly installments during the college year. The additional cost is small. Adoption of this plan is optional and intended solely as a convenience. Details will be furnished on request.

Additional expenses include text books which need not exceed \$25-\$40 a year and a \$10 activities fee which supports the college's extracurricular program. A charge of 50 cents per month per room will be assessed for the use of radios.

SCHOLARSHIPS

Scholarships are of two kinds, competitive, and those awarded upon merit and individual need. No one scholarship is given for more than one year.

No scholarship will be given to a student who has a condition.

No scholarship will be given to a student whose college bill has not been paid in full.

All preliminary correspondence and applications for undergraduate scholarships for 1943-1944, together with supporting letters from parents or guardians should be in the hands of the Dean before Tuesday, April the 6th, 1943.

It is assumed that requests for scholarships will not be made by those whose expenses can be met by their parents or from other sources. In the majority of cases the College expects work from scholarship students in an amount in proportion to the value of each scholarship.

I. *Corporation Scholarships*.—Sixteen scholarships are awarded at the end of each term, without formal application, to the four students in each class having the highest average grades for the term then closing. In the case of the incoming Freshman Class the scholarships will be assigned immediately after the entrance examinations (see page 22) to those candidates entering by any plan of admission who are judged to be best prepared to do the work of the College. Corporation scholarships are in amount of \$100.00 for the summer term and \$150.00 for the fall and spring terms respectively.

II. *Isaiah V. Williamson Scholarships*.—Three scholarships normally of \$250 each, usually awarded to members of the Senior and Junior classes.

III. *Richard T. Jones Scholarship*.—One scholarship normally of the annual value of \$200.

IV. *Edward Yarnall Scholarship*.—One scholarship normally of the annual value of \$200.

V. *Thomas P. Cope Scholarship*.—One scholarship normally of the annual value of \$200.

VI. *Sarah Marshall Scholarship*.—One scholarship normally of the annual value of \$200.

VII. *Mary M. Johnson Scholarship*.—One scholarship normally of the annual value of \$200.

VIII. *Joseph E. Gillingham Scholarships*.—Four scholarships normally of the annual value of \$200 each "for meritorious students."

IX. *Isaac Thorne Johnson Scholarship*.—One scholarship normally of the annual value of \$225 available for a student of Wilmington College or a member of Wilmington (Ohio) Yearly Meeting of Friends.

X. *Jacob P. Jones Scholarships*, normally amount to \$1500 annually. Usually these will be awarded in sums of \$150 each, and in return for them certain academic duties may be required of the beneficiaries.

XI. *Jacob P. Jones Scholarships*.—Eight scholarships normally of the annual value of \$100 each.

XII. *Caspar Wistar Memorial Scholarship*.—A scholarship of \$250 is usually available, preferably for sons of parents engaged in Christian service, including secretaries of Young Men's Christian Associations, or students desiring to prepare for similar service in America or other countries.

XIII. *Louis Jaquette Palmer Memorial Scholarship*.—This Scholarship of \$200 is awarded on application, preferably to a member of the Freshman Class, who in the opinion of a committee representing the donors and the President of the College shall give evidence of possessing the qualities of leadership and constructive

interest in student and community welfare which his friends observed in Louis Jaquette Palmer of the Class of 1894.

XIV. *J. Kennedy Moorhouse Memorial Scholarship*, \$300.—Intended for the member of the Freshman Class who shall appear best fitted to uphold at Haverford the standard of character and conduct typified by the late J. Kennedy Moorhouse, of the Class of 1900—"a man modest, loyal, courageous, reverent without sanctimony; a lover of hard play and honest work, a leader in clean and joyous living."

XV. *Paul W. Newhall Memorial Scholarship*.—One scholarship normally of the annual value of \$200.

XVI. *Robert Martin Zuckert Memorial Scholarships*.—Two or more scholarships of the annual value of \$250, preference to be given to "a native of New York or Connecticut and who now resides in one of those states."

XVII. *Samuel E. Hilles Memorial Scholarship*.—One scholarship normally of the annual value of \$200.

XVIII. *Class of 1913 Scholarship*.—One scholarship of the annual value of about \$125. Preference is to be given to sons of members of the Class of 1913 who may apply and who meet the usual requirements of the College.

XIX. *Isaac Sharpless Scholarship Fund*.—Founded in 1941. Scholarships open to graduates of secondary schools and undergraduates of Haverford College. Awards based upon fulfillment by applicant of requirements used in selection of Rhodes Scholars to the University of Oxford. Awards granted from list submitted to Selection Committee by the Director of Admissions, subject always to final approval by the President of the College; amount variable.

XX. *Class of 1917 Scholarship*.—One scholarship of the annual value of about \$125. Preference is to be given to sons of members of the Class of 1917 who may apply and who meet the usual requirements of the College.

XXI. *The Geoffrey Silver Memorial Scholarship*.—A scholarship in the sum of \$500 will be available to a Public School graduate in this general area who may enter Haverford in February, 1943.

The scholarships named on this and the preceding pages are permanent foundations. In addition, the New York Alumni main-

tain a scholarship for competition in the New York metropolitan district. The New England Alumni maintain one Freshman scholarship of \$300 to be awarded annually to a New England boy from a New England school.

FELLOWSHIPS

The Clementine Cope Fellowship, of the annual value of \$700, may be awarded by the Faculty to the best qualified applicant from the Senior Class. He is required to spend the succeeding year in study at some American or foreign university approved by the Faculty. Applications for the Clementine Cope Fellowship should be in the hands of the President of the College before March 1.

Teaching Fellowships.—With the remaining funds from the Clementine Cope Foundation there may be appointed one or more graduates of Haverford College as Teaching Fellows, with or without specific duties at Haverford College; or a second Cope Fellow may be appointed with a stipend of \$400 or \$500, as the income of the Fund may permit.

Graduate Fellowships.—For information regarding graduate fellowships, see page 31.

LOAN FUND

A loan fund has been established for deserving students, other than members of the Freshman Class and transfer students during their first year, who may require financial assistance during their college course. Federal emergency scholarships for accelerating students are also available.

EMPLOYMENT BUREAU

In connection with the Dean's office there is an Employment Bureau through which students may be put in touch with such remunerative employment as may be available.



GENERAL INFORMATION

LIBRARY

The College Library now contains about 157,000 volumes, for the most part freely accessible to readers. Though designed especially for the use of the officers and students, it affords to others the privilege of consulting and, under certain restrictions, of withdrawing books. The old building has been supplemented by the commodious new Stack and Treasure Room.

The long-felt need of a browsing-room for students is being met by the new Gummere-Morley Memorial Room, decorated and equipped by the Class of 1892.

About six thousand dollars is expended yearly for the purchase of books and periodicals. Over four hundred literary and scientific periodicals are taken. The Library is also a government depository.

The Library is open, with some exceptions, on week days from 8:30 A.M. to 10 P.M., and on Sundays from 1:30 to 10 P.M.

SPECIAL COLLECTIONS

Rare books and special collections are kept in the Treasure Room, where both permanent and temporary exhibitions are held. The Treasure Room is open from 9 to 5 (Saturdays, 9-12).

The Quaker collection, containing both books and manuscripts, is probably the most complete in America. The William H. Jenks collection of Friends' tracts, mostly of the seventeenth century, numbers about fifteen hundred separately bound titles.

The Charles Roberts autograph collection, formed by the late Charles Roberts of Philadelphia, a graduate (1864) and for many years a manager of the College, was in 1902 presented to the College by his wife, Lucy B. Roberts. It consists of more than 20,000 items, embracing not only autograph letters of European and American authors, statesmen, scientists, ecclesiastics, monarchs, and others, but also several series of valuable papers on religious and political history.

The Harris collection of ancient and oriental manuscripts contains over sixty Hebrew, Greek, Latin, Arabic, Syriac, and Ethiopic rolls and codices, collected by J. Rendel Harris.

COOPERATION WITH OTHER LIBRARIES

The *Philadelphia Bibliographical Center and Union Library Catalog*, which includes in one alphabetical file a record of all

books in over one hundred and fifty libraries of the Philadelphia region, enables users of the Haverford Library to locate many additional books in every field of study and research. Haverford is also a member of the *Philadelphia Metropolitan Library Council*. Community of interest brings the Haverford Library into even closer cooperation with Bryn Mawr and Swarthmore; and because of their proximity the combined resources of Bryn Mawr and Haverford are readily available to the students and faculties of both institutions.

LECTURESHIPS

HAVERFORD LIBRARY LECTURES

The income from \$10,000 received in 1894 from the estate of Mary Farnum Brown, is available by the terms of the gift "to provide for an annual course or series of lectures before the Senior Class of the College, and other students, on the Bible, its history and literature, and as way may open for it, upon its doctrine and its teaching."

THOMAS SHIPLEY LECTURES ON ENGLISH LITERATURE

The sum of \$5,000, presented in 1904 by Samuel R. Shipley, in memory of his father, Thomas Shipley, constitutes the Thomas Shipley Fund. The income of this fund is ordinarily to be used "for lectures on English literature."

MORRIS INFIRMARY

The Morris Infirmary, presented by John T. Morris, '67, has been in operation since the fall of 1912. It contains ten beds, a surgical room, an isolation ward for contagious diseases, and accommodations for a physician and a nurse. Every provision has been made for medical and surgical treatment of all cases among students during the college year. The danger of infection through illness in the college dormitories is thus minimized.

No charge is made for dispensary treatments, for the services of the college physician and the nurse, or for residence in the infirmary not exceeding one week in each case of illness. Any additional medical or surgical service, including special examinations which cannot be made in the infirmary, will be at the expense of the student. For residence in the infirmary beyond the limit of one week the charge is \$3 a day.

Dr. Herbert W. Taylor is the physician in charge, Miss Mabel S. Beard, the resident nurse.

SOCIETIES AND CLUBS

Phi Beta Kappa Society, Zeta Chapter of Pennsylvania, chartered 1898.

Biology Club	Founders Club
Campus Club	Glee Club
Cap and Bells Club	International Relations Club
Chemistry Club	Mathematics-Physics Club
Chess Club	Nautical Society
Classical Symposium	Radio Club
Debate Council	Varsity Club
Engineering Club	Y. M. C. A.

PUBLICATIONS

Official college publications include the Catalog, published in November, the Treasurer's Report, and the College Directory. The annual reports of the President and the Librarian may be obtained on application to their respective offices.

The Haverford Review, published three times annually, is the official graduate magazine.

The Haverford News, a student publication, appears weekly during the College year. *The Stack* a student literary magazine, appears periodically. *The Record*, Senior Year Book, is distributed immediately before Commencement.



SPECIAL PLANS OF STUDY IN PREPARATION FOR PROFESSIONS

A large and increasing number of Haverford College students desire on graduation to enter upon courses of study fitting them for professions. For students desiring intensive preliminary training in engineering, medicine, and other highly specialized subjects, the College offers combinations of courses which admit to the best professional schools in the country with full standing, and in many cases with advanced credit.

To illustrate this feature of the curriculum there are presented on the following pages sample outlines of study for the four years, preparatory to specialization in Engineering, Medicine, Law, and Business Administration. Similar outlines might be prepared for other professions—Teaching, the Ministry, Journalism, Industrial Chemistry, etc. The student will in all cases consult with the Dean and the professors concerned in his choice of courses.

N.B.—*It is to be understood that each of the outlines following is a sample only, presenting one among many possibilities, and is not intended to be a prescribed program.*

Preparation for Engineering.—Engineering today covers an extremely broad field of service, and there is accordingly no standard type of training suitable for all students preparing themselves for an engineering career. A typical four year course in general engineering, however, can be found on page 63.

Preparation for Medicine.—Because of the specific nature of the requirements for admission to medical school, a student who intends to study medicine must plan his college program of courses carefully in order to avoid conflicts between necessary courses and to avoid overloading with laboratory work in his Junior and Senior years. Also, it is advisable for the student to make as early a choice of medical school as possible, so that any special requirements of the school may be met.

A premedical student, shortly after his entrance to college, is called upon to register with the Pre-medical Committee of the Faculty (see page 19), the members of which stand ready to advise him on any matter of pre-medical interest. The Pre-medical Committee scrutinizes the student's record from time to time to ensure that the requirements of the medical school are being met and also to ensure that the student without the aptitude for a medical career may receive ample warning.

The following courses constitute the *minimum* program of pre-medical preparation advised by the Premedical Committee: Biology 1 and 3; Chemistry 2, 3a, 4, and 5a or 5b; Physics 2; and German 2 or French 2. These courses, together with the courses required in the general college curriculum, satisfy the requirements for admission to most medical schools. Certain schools have, however, additional requirements, which the prospective medical student should ascertain.

A pre-medical student is not restricted in his choice of a Major field of study, since he can concentrate in almost any field, qualifying for either the B.A. or B.S. degree, and at the same time complete the requirements for admission to medical school. He must, however, do better than average work in the premedical sciences.

Preparation for the Law.—Even those law schools which require that a person must hold a college degree to be eligible for admission do not usually specify what studies he shall have pursued in his undergraduate course. It is obvious, however, that a choice of electives may be made which will be of great value to the student later in the study of law and in the practice of his profession. It is recommended that the following courses be included in a student's program. In the case of those advanced courses which are given only in alternate years some variation in this program may be necessary.

FRESHMAN YEAR

English Composition and Literature
Foreign Language, preferably Latin
A Modern Foreign Language
Mathematics
American Government

SOPHOMORE YEAR

English History
Elementary Economics
Contemporary Legislation
American, Mediaeval, or Modern History
State and Local Government

JUNIOR YEAR

Elementary Psychology
English Constitutional History
Roman Law
Government and Business
Constitutional Law
Accounting

SENIOR YEAR

Political Philosophy
English Literature
American, Mediaeval, or Modern History
The Corporation
Government Finance
Money and Banking

Preparation for Business Administration.—Students planning to continue study at a graduate school of business administration or to engage directly in business should arrange their programs for their Freshman and Sophomore years as above suggested for those planning to study law, but for their Junior and Senior years the following courses are recommended.

JUNIOR YEAR

Industry and Society
Labor Organization and Business
Management
Money and Banking
Accounting
Introduction to Statistics
The Corporation

SENIOR YEAR

Ethics
National Income and Investment
International Trade and Finance
Government and Business

Students expecting to enter manufacturing industries in any capacity are encouraged to take courses in Chemistry, Engineering, or Physics in order to become acquainted with the general nature of the processes and techniques involved in modern manufacturing.

Preparation for Public Administration.—Students who are interested in entering the government service for work in Public Administration should have courses in Elementary Economics, American Government, National Income and Investment, Government Finance, Accounting, Statistics, Public Administration, Constitutional Law, and Government and Business.

Each year the United States Government holds an examination for filling vacancies in the field of Public Administration, which is covered by these courses given by the College.



COURSES OF INSTRUCTION

ART

GIVEN BY THE HISTORY OF ART DEPARTMENT
AT BRYN MAWR COLLEGE

The instruction in Art has a twofold objective. On the one hand, the students' appreciation is furthered by close aesthetic analysis of works of art. On the other hand, the history of art is treated as a branch of the humanistic studies and attention is given to the development of Art in itself as well as to its contacts with other human interests.

At Haverford the Carnegie set of reproductions and at Bryn Mawr a large collection of photographs are available as additional illustrative material.

Major Requirements

The undergraduate instruction offered in this department includes three units of undergraduate first and second year work and two and one-half units of advanced undergraduate and free elective courses. Students majoring in the history of art will be required to concentrate in either the field of Mediæval Art, Renaissance Art or Modern Art. For details of the comprehensive examination see the Bryn Mawr College Calendar.

Honors

Special work is offered to students recommended by the department for honors in history of art, in either Mediæval Art, Renaissance Art or Modern Art. It involves a scheme of reading and individual conferences and includes the preparation of reports and special examinations.

1. An Introduction to the History of Art. DR. BERNHEIMER, assisted by MRS. ROBBINS.

This course is designed to give the student an understanding of art in its philosophic, technical, social and historical aspects, thereby laying a basis for more advanced work in the department. The discussion of general problems will be followed by an analysis of the different periods of art, of the interests that prevailed during them, and of the formal expression given to such interests. At certain points in the course the lectures will be given by guest lecturers from other departments.

2. Italian Art. MISS JENKINS.

The development of the major arts in Italy is traced from the beginnings of the Renaissance in the thirteenth century to the Rococo style of the eighteenth. Architecture and sculpture are considered independently as well as in relation to the stylistic evolution of painting.

3. History of European Painting after 1550. MR. SLOANE.

The evolution of painting outside Italy from the middle of the sixteenth century to the French Revolution is traced in the first semester, followed in the second by a consideration of the art movements of the nineteenth and twentieth centuries.

4. Romanesque and Gothic Art and Architecture. DR. BERNHEIMER, MISS JENKINS.

An understanding of Christian mediæval art is sought through its roots in religion, philosophy and social conditions. Emphasis is laid on the great cathedrals, studied in their liturgical, iconographic and artistic aspects; while the general development of the Romanesque and Gothic styles is traced from the eleventh to the fifteenth century.

5a. Post-Renaissance and Modern Architecture in Europe and America. MR. SLOANE.

A discussion of the varying forms taken by the Renaissance style in combination with the different national building traditions of Europe and the rise of eclecticism in the eighteenth and nineteenth centuries will be followed by an analysis of the advance of structural technique with the machine age and the attempt to formulate an architecture suited to the modern world.

6b. Early Mediæval Art. DR. BERNHEIMER.

The formation of Christian art from the pagan traditions of the antique world, and its subsequent development in the eastern Mediterranean and the Latin West will be traced to the beginning of the Romanesque era in the eleventh century. The arts discussed will include architecture, sculpture, painting, mosaic, illumination and ivory carving.

7b. The Art of the Northern Renaissance. DR. BERNHEIMER.

The course covers the development of representative art in the Netherlands, France, Germany, Spain and England from the later fourteenth century to the later sixteenth. Special emphasis is laid upon the International Style, the reawakening of a sense of nature in Flemish painting, and upon the art of Dürer and his contemporaries. The technique and development of the graphic arts are also explained.

[Not to be offered in 1942-43.]

ASTRONOMY

The William J. Strawbridge Memorial Observatory affords students the means of becoming familiar with a variety of astronomical instruments, and of acquiring from actual observation a practical acquaintance with astronomy.

The equipment consists of two equatorially mounted telescopes with 10-inch and 4½-inch objectives respectively; a reflecting telescope with 8-inch mirror and altazimuth mounting; a meridian circle telescope of 3¼-inch aperture; a zenith telescope of 2¼-inch aperture; a spectroheliometer; an astrographic mounting provided with two 4-inch Ross lenses and a 4-inch guiding telescope; two sidereal clocks; a chronograph by Bond; and other instruments. The astronomical library is housed in the Observatory.

Major Requirements

Either Astronomy 1a and 2b or Astronomy 3, and four one term courses to be chosen from Astronomy 5a, 6b; 7a, 8b; 9a, 10b. Three courses to be chosen from Mathematics 2, 3 and Physics 2, 3.

A comprehensive examination, partly oral, based on the subject matter of the above-named courses.

Astronomy 2b was offered in the summer of 1942.

1a. Descriptive Astronomy.—M. W. F. 10:30, first half-year. MR. GREEN.

A culture class open to all students.

The leading facts of astronomy, with elementary explanation of the methods and instruments by which they are ascertained. A portion of the time is devoted to the study of the constellations, the handling of the telescopes, and simple problems. No fee.

2b. Celestial Navigation.—M. W. F. 10:30, second half-year. MR. GREEN and MR. MACINTOSH.

The determination of position and course at sea and in the air by trigonometric, graphical, and tabular methods. Mathematical aspects of piloting, such as the problems of interception and of return to a moving base, will be emphasized. Sextant observations will be taken and reduced. Prerequisite, *Plane Trigonometry*. A fee of \$7.00 per semester is charged.

3. Descriptive and Practical Astronomy.—Two class hours and one evening to be arranged. MR. GUMMERE.

This course covers the same ground as Astronomy 1a, together with practical work in the Observatory.

Use of sextant, transit, and equatorial; determination of instrumental constants, latitude, and time. The course is opened with a brief review of the essentials of spherical trigonometry. Prerequisite, *Plane Trigonometry*. A fee of \$4.00 per semester is charged.

5a, 6b. Observational Astronomy.—Hours, to be arranged, MR. GREEN.

The subject matter will be chosen to meet the needs of the students. Prerequisite, *Astronomy 3*. A fee of \$7.50 per semester is charged.

7a, 8b. Celestial Mechanics and Orbit Determination.—Hours, to be arranged, MR. GUMMERE.

An introduction to mathematical astronomy. Prerequisite, *Mathematics 3*, or in conjunction with *Mathematics 3*. No fee.

9a, 10b. Astrophysics.—Hours, to be arranged, MR. GREEN.

A study of the state of matter in interstellar space, in the atmospheres of the stars and in their interiors. Prerequisites, *Physics 2* and *Mathematics 2*. No fee.

BIBLICAL LITERATURE

The courses in this department are designed to cover broadly the history, literature and religion of the Bible with their backgrounds in the culture in which they developed and to which they contributed. Additional courses are offered in the ancient history of the Near East, the Hebrew language, and comparative religion. Sufficient scope is thus provided to meet the varied interests of students electing courses in the department and to offer either introductory or advanced work.

A gift enabled the late Professor Grant to make a series of five field excavations at a site in Palestine, the archaeological yields of

which are exhibited in the Beth Shemesh Museum, third floor of Sharpless Hall. These materials reveal the life of a typical Near East community in the many aspects of its development and interplay with other peoples over a span of 2000 years. Thus the collections provide a laboratory for study of the cultural cross-currents which met in Palestine during one of the great formative periods of civilization.

Major Requirements

Six half-year courses in Biblical Literature.

Six other half-year courses in either Biblical Literature or related departments.

Special study of one selected Biblical field, e.g., history, literature, the Old or New Testament.

A comprehensive examination covering the history, literature, and criticism of the Bible; and the religious and moral life of the Hebrews, Jews, and Christians.

1a. Introduction to the Old and New Testaments.—M. W. F. 10:30, first half-year. MR. FLIGHT.

The literature of the Bible with its historical background.

2b. The Rise of Christianity.—M. W. F. 10:30, second half-year. MR. FLIGHT.

A study of the background, early development and spread of the Christian movement as reflected in the New Testament, particularly in the book of Acts and the letters of Paul, and to the third century.

[Not offered in 1942-43; to be offered in 1943-44.]

4b. Development of Christian Thought within the Bible.—M. W. F. 10:30' second half-year. MR. FLIGHT.

A study of the origins and development of the basic ideas in the teaching of religious leaders from the prophets to Paul.

[Offered in 1942-43; not to be offered in 1943-44.]

5a. Ancient History of the Near East.—M. W. F. 1:30, first half-year. MR. FLIGHT.

The Beginnings of Western Civilization in the Cultures of the Near East; Archaeological and Historical.

(Also called History 8a.)

6b. Comparative Religion.—Tu. Th. S. 9:30, second half-year. MR. FLIGHT.

A comparative study of the great living religions, their founders, their scriptures, their characteristic ideas and ideals.

8b. The English Bible.—M. W. F. 1:30, second half-year. MR. FLIGHT.

History and literary art of the English Bible, particularly the King James version and its influence on general literature.

(Also called English 8b.)

9a or 10b. Biblical and Oriental Conference.—Hours to be arranged, either half-year. MR. FLIGHT.

Individual work to be elected by the student from one or more of the following divisions of the field: literature, archaeology, history, philosophy. Prerequisite, other work in the department, in which a grade of B has been attained.

11. Hebrew.—Hours to be arranged. MR. FLIGHT.

Grammar, composition, and reading of simple Old Testament prose.

[Offered in 1942-43; not to be offered in 1943-44.]

BIOLOGY

The Department of Biology offers courses for students who wish to enter medical school, for students who wish to continue biological studies after graduation in graduate school, teaching, or conservation, and for students who wish a general knowledge of plants and animals.

Most medical schools require General Zoology for admission. Vertebrate Morphology is required by some and advised by others. General Botany is required by a few. Most graduate schools require, as a prerequisite for work in Biology, a reading knowledge of French and German, Chemistry 2, Physics 1 or 2 (or Geology 1, depending on the student's field of interest), and at least Biology 1 and 2. For advanced experimental Biology, Chemistry 4 may be necessary.

A gift from the class of 1915 enables the department to house and display the extensive collections of the college so that they are available to anyone interested in the natural history of the Philadelphia area.

Major Requirements

Biology 1, 2a, 7, 8b and one of 3, 4, and 5.

Two courses chosen from Physics 1, or 1-25, 2, Chemistry 2, Math., 13a, and Geology 1.

Reading and reporting on approximately 15 biological books, besides those read in connection with courses. This is to be done at any time between the end of sophomore year and date of the comprehensive examination.

A comprehensive examination on the courses taken and the reading done is required to be passed. This examination will be partly written (approximately 4 hours), and partly oral.

Biology 4, 7 and 10 were offered in the summer of 1942.

1. General Zoology.—Lectures, W. S. 11:30; laboratory, W. F. 1:05-3:30. MR. DUNN and MR. HENRY.

The lectures of this course include a survey of the structure and relationships of animals, of the fundamental principles of living organisms, and an outline of the more important questions relating to evolution, heredity, and distribution. The laboratory periods are devoted to obtaining an acquaintance with the more important types of animal life. Two lectures and two laboratory periods a week. A fee of \$7.50 per semester is charged.

2a. General Botany.—Lectures, W. F. 8:30; laboratory, Tu. Th. 1:05-3:30, first half-year. MR. HENRY.

The fundamental principles of Botany and the application of plant science to human welfare are discussed in the lectures. The laboratory work consists of a study of the morphology, physiology, and life history of representatives of the principal groups of plants. This is a brief course designed to fit the needs of the student not majoring in science. A fee of \$7.50 per semester is charged.

3. Vertebrate Morphology.—Lecture, Th. 10:30; laboratory, Tu. Th. 1:05-3:30. MR. DUNN.

The laboratory work of this course includes the dissection of the principal types of vertebrates. The lectures deal with the origin, status, and evolution of the organ systems of vertebrates. One lecture and two laboratory periods a week. Prerequisite, *Biology 1*. A fee of \$7.50 per semester is charged.

4. Local Flora.—Lecture, F. 11:30; laboratory hours to be arranged. MR. HENRY.

The work of this course consists of the identification of representative Angiosperms, together with the study of their taxonomy and distribution. Collecting in the field will supplement laboratory work. One lecture and two laboratory periods a week. Prerequisite, *Biology 2*. A fee of \$7.50 per semester is charged.

[Offered in 1942-43; not to be offered in 1943-44.]

5. Entomology.—Lecture, F. 11:30; laboratory hours to be arranged. MR. HENRY.

This course has been designed to give the student a knowledge of the anatomy and physiology of insects. The laboratory work consists of the dissection of a representative of each of the larger Orders. Particular emphasis is placed on the structures used in identification and permanent mounts are made of many of them. The preparation of local collections is required as part of the work. One lecture and two laboratory periods a week. Prerequisite, *Biology 1*. A fee of \$7.50 per semester is charged.

[Not offered in 1942-43; to be offered in 1943-44.]

7. Evolution, Heredity, and Other General Biological Problems.—Tu. Th. S. 8:30. MR. DUNN.

This is a general cultural course, intended not only for students of Biology, but for all who wish to be informed on current biological matters, especially students of Sociology, Philosophy and History, and of other Sciences. Special emphasis is given to the modern theories of evolution and of heredity. Open, without prerequisite, to Juniors and Seniors. A fee of \$7.50 per semester is charged.

[Offered in 1942-43; not to be offered in 1943-44.]

8b. Systematic Botany.—Lectures W. F. 8:30. Laboratory Tu. Th. 1:05-3:30. Second half-year. MR. HENRY.

This course, a continuation of *Biology 2a* consists of a systematic study of the major plant groups. Prerequisite, *Biology 2a*. A fee of \$7.50 is charged.

10. Seminar Courses.—Hours to be arranged. Required of candidates for Honors in Biology.

Open only by permission of the Instructor.

Vertebrate Zoölogy—Classification and evolution of vertebrate groups. Prerequisite, *Biology 1*; *Biology 3* or with *Biology 3*. MR. DUNN.

Advanced Morphology—Study of morphological problems in animals. Prerequisite, *Biology 3*. MR. DUNN.

Ecology and Distribution—Problems of habitat relationships or geographical relationship of plants and/or animals. Prerequisite, *Biology 1* or *Biology 2a* and *8b*. MR. DUNN and MR. HENRY.

Genetics—Problems of Genetics. Primarily for Graduate Students. MR. DUNN

Advanced Botany—Studies in comparative anatomy of plants. Prerequisite, *Biology, 2a, 4, 8b*. MR. HENRY. No fixed fee.

CHEMISTRY

The courses required for the Chemistry Major are designed to give the student a comprehensive knowledge of the fundamentals of chemistry which will qualify him for entrance to medical school or for non-professional chemical work. A student who plans to enter medical school should take, regardless of the department in which he majors, Chemistry 1 (or its equivalent), 2, 3, 4, and 5.

Haverford College has been placed by the American Chemical Society on the approved list of institutions for the training of professional chemists. For a departmental recommendation for graduate work in chemistry, or a position as professional chemist, a student must complete the following courses in chemistry and other subjects: Chemistry 1 (or its equivalent) 2, 3, 4, 5, 11a, or 12b, 13a, 14b, 15a, and an additional half-year course in chemistry; Mathematics 2; Physics 2; German 2.

Major Requirements

Chemistry 1 (or its equivalent), 2, 3, 4, 5 and an additional half-year course in chemistry, and two courses in related departments. The major examination will cover the chemistry courses listed above.

Seniors majoring in the department will meet during the second half-year with members of the staff for a critical discussion of the chemical principles studied in the courses and of the applications of these principles.

Honors

Candidates for final honors in chemistry are required to take during the Junior and Senior years at least four of the short courses offered by the Department such as: Chemical German reading, history of chemistry, glassblowing, chemical industry, physiological chemistry, the chemistry of the rarer metals, and special topics in inorganic chemistry.

Chemistry 1, 3, 4, 11a, 14b, 15a, and 17a were given in the summer of 1942.

1. Introductory General Chemistry.—Lectures, Tu. Th. and occasionally S. 9:30; laboratory, Tu. or W. 1:05–3:30. MR. CADBURY, MR. HALTER, and MR. DIXON.

Primarily for Freshmen and Sophomores who have not had chemistry in preparatory school. Additional reading required of Juniors and Seniors.

Lectures and laboratory work dealing with the preparation, properties, and uses of the more common elements and their compounds; fundamental laws and theories; and the general principles of chemistry applied to industrial processes. A fee of \$5.00 per semester is charged.

2. Theoretical Inorganic Chemistry and Qualitative Analysis.—Lectures, Tu. Th. and occasionally S. 9:30; laboratory, Tu. Th. or W. F. 1:05–3:30. MR. MELDRUM and Staff.

Primarily for Freshmen and Sophomores who have had chemistry in preparatory school or who have passed Chemistry 1. Fundamental laws and theories. Reaction velocity and equilibrium. Theories of ionization and atomic structure applied to explain solution and electrolytic phenomena and the mechanism of chemical reactions. Qualitative analysis using semimicro methods constitutes the laboratory work. A fee of \$6.00 per semester is charged.

3. Quantitative Analysis.—Lectures, M. and F. 11:30; laboratory, Tu. Th. or W. F. 1:05–3:30. MR. MELDRUM.

Lectures on the general principles of gravimetric, volumetric, electrolytic, and other methods of analysis. In the laboratory, typical methods are applied. Prerequisite, *Chemistry 2* and *Mathematics 1*. A fee of \$6.00 per semester is charged.

4. Organic Chemistry.—Lectures, M. W. F. 10:30; laboratory, M. or Tu. 1:05–3:30. MR. JONES.

A study of aliphatic, aromatic, and heterocyclic compounds. Prerequisite, *Chemistry 2*. A fee of \$6.00 per semester is charged.

5. Physical Chemistry.—Lectures, Tu. Th. and S. 8:30; laboratory, W. or Th. 1:05–3:30. MR. CADBURY.

A systematic study of the principles of physical chemistry, including the ideal gas, real gases, liquids, solids, solutions, electrical conductivity, electromotive force, hydrogen ion concentration, reaction velocity, homogeneous and heterogeneous equilibria, adsorption, catalysis and colloids. Prerequisite, *Chemistry 3*. Laboratory work required in the case of those who plan to be A. C. S. chemists only. A fee of \$6.00 per semester is charged those taking the course who wish laboratory work.

11a. Chemical Thermodynamics.—Lectures, M. W. F. 9:30, offered in the second half-year 1942–43. MR. CADBURY.

A detailed study of the first and second laws of thermodynamics and their consequences; the application of these laws to chemical systems. The development and use of the third law. Prerequisite, *Chemistry 2*, *Mathematics 2* and either *Chemistry 5* or *Physics 2*. No fee.

12b. Advanced Physical Chemistry.—Lectures, M. W. F. 9:30, offered in the first half-year 1942–43. MR. CADBURY.

Dipole moments, the parachor and spectra. Modern theories of solutions. Reaction kinetics. Photochemistry. Prerequisite, *Chemistry 5*, and *Mathematics 2*. No fee.

13a. Advanced Organic Chemistry and Qualitative Organic Analysis.—Lectures, W. F. 8:30; laboratory, M. Tu. or Wed. 1:05–3:30, first half-year. MR. JONES.

A study of stereochemistry, carbohydrates, proteins, amino acids, and special reactions. The identification of organic substances by classification reactions and by the preparation of derivatives constitutes the laboratory work. Prerequisite, *Chemistry 4*. A fee of \$6.00 per semester is charged.

14b. Organic Syntheses.—Lectures, W. and occasionally F., 8:30; laboratory, two periods from M. Tu. W. 1:05–3:30, second half-year. MR. JONES.

A study of organo-metallic compounds, rearrangements, unsaturated systems, and special preparative reactions of organic chemistry. Prerequisite, *Chemistry 4*. A fee of \$7.50 per semester is charged.

15a. Advanced Quantitative Analysis.—Lectures Tu. and occasionally S. 10:30; laboratory, two periods from Tu. Th. or W. T. 1:05–3:30, first half-year. MR. MELDRUM.

A systematic study of methods for the quantitative determination of the elements. The laboratory work includes the Carius method for halogen, the determination of carbon and hydrogen by combustion, the analysis of fuel gas, and electrolytic analysis. Prerequisite, *Chemistry 3*. A fee of \$6.00 per semester is charged.

17a, 18b. Chemistry Research.—Hours to be arranged either half-year. MR. MELDRUM, MR. CADBURY, and MR. JONES.

Open only to Senior chemistry majors and graduate students in chemistry. May be elected as one or more courses. No fixed fee.

21a, 22b. Special Topics in Theoretical Chemistry.—Hours to be arranged either half-year. MR. MELDRUM. No fee.

Open only to graduate students.

ECONOMICS

The instruction in Economics is intended primarily to give students an understanding of the working of modern economic society. The advanced courses are designed to give a liberal educa-

tion and to arouse an informed interest in public affairs, as well as to meet the needs of men going into business or finance, or going on to graduate work in economics or business administration. Several of the advanced courses are designed to be of special value to men planning to enter the foreign service or other fields of government work, or going into journalism or law. A number of the courses acquaint the student with source material in the college library and elsewhere, and with research methods in economics, and give practice in the preparation of analyses and reports.

Men majoring in Economics should take supporting work in the fields of Government, History, and Sociology, and are encouraged to take *Introduction to Statistics*, offered by the Department of Mathematics. *Mathematics 1* is a prerequisite to *Statistics*.

Economics 1 is elective for Sophomores and is a prerequisite to all other courses in Economics. It may be taken by Freshmen with the permission of the Dean, and by Juniors and Seniors with the permission of the professor in charge.

Major Requirements

Economics 1, 3a, 9a, 13a, and three other half-year courses in Economics. Mathematics 13b (Introduction to Statistics) may be considered as one such half-year course.

Sociology 1a, and three other half-year courses in supporting fields, as approved by the professors concerned.

Selected readings on the history of economic thought and on current economic problems.

A seven-hour comprehensive examination covering a review of the major courses and the readings. A part of the comprehensive examination may be oral.

Economics 1, 9a, and 14b were offered in the summer of 1942.

1. Elementary Economics.

Section 1—M. W. F. 9:30 MR. TEAF.

Section 2—M. W. F. 11:30. MR. TEAF.

Section 3—M. W. F. 11:30. MR. PANCOAST.

(The three sections will meet together occasionally at the 11:30 hour on Monday. All students electing the course must have this hour free.)

The purpose of this course is to acquaint the student with the main features of modern economic life, and to develop an understanding of the principles underlying economic relationships. Emphasis is laid on the application of these principles to present day problems.

3a. Money and Banking.—M. W. F. 8:30, first half-year. MR. FETTER.

A study of the history and principles of money, credit, and banking, with particular reference to American conditions. Such problems as monetary standards, price movements and their effects, foreign exchange, commercial banking, and central banking and the Federal Reserve System are considered.

4b. International Trade and Finance.—M. W. F. 8:30, second half-year. MR. FETTER.

A study of foreign trade and exchange, international payments and trade problems connected therewith, money and banking in their international aspects, and international indebtedness.

5a. Industry and Society.—Tu. Th. S. 9:30, first half-year. MR. WATSON.

See *Sociology 5a*.

6b. Labor Policies and Business Management.—Tu. Th. S. 9:30, second half-year. MR. PANCOAST.

See *Sociology 6b*.

8b. Government Finance.—M. W. F. 9:30, second half-year. MR. HERNDON.

See *Government 8b*.

9a. Accounting.—M. W. F. 2:30, first half-year. MR. TEAF.

The balance sheet and statement of profit and loss, the classification of accounts, the theory of debit and credit, the books of original entry and of record, opening and closing the books, corporation accounts, reserves, etc. Discussion is accompanied by practice problems. This course is intended to provide an understanding of accounting sufficient for students going into the professions as well as a foundation for advanced accounting courses for those who will go into business.

10b. The Corporation.—M. W. F. 2:30, second half-year. MR. TEAF.

Economic functions and legal responsibilities of the corporation and its members; fixed capital, and the analysis of financial statements; policies involving surplus, reserves, dividends, etc.; expansion, combination, and reorganization. Social problems created by the growth of corporations are given special attention. Prerequisite, *Economics 9a*.

11a. Government and Business.—M. W. F. 10:30, first half-year. MR. TEAF.

A study of the historical development, economic basis, and the present problems of the regulation of business organization and policies by government. Special attention is given to such topics as the trust movement, anti-trust legislation, the Federal Trade Commission, competitive practices, cartels and trade associations.

Also called *Government 11a*.

13a. National Income and Investment.—Tu. Th. S. 8:30, first half year. MR. FETTER.

A study of the meaning of national income and the methods of measuring it; its distribution in the United States; the economic effects of the allocation of national income as between consumption, investment, and hoarding; the significance of investment in the modern economy; the effects of governmental policy upon income distribution.

Enrollment limited. A seminar course intended primarily for economics majors, but also open to qualified students from other departments.

14b. Seminar in Economic Problems.—(For 1942-43: Latin American Economic Problems.) F. 1:30-2:30; evening two-hour meeting to be arranged. Second half year. MR. FETTER.

This seminar will deal with an economic problem of current importance, with emphasis on the relation between economic analysis and the formulation of public policy.

The subject of the course may shift from year to year, or the same topic may be continued for several years, depending on developments in world economic affairs. In case of a shift in the subject matter of the course, it may be repeated for credit.

In 1942-43 the course will deal with selected economic problems of Latin America, including raw materials, industrialization, monetary stabilization, international indebtedness and commercial policy. As a background for the economic problems, the course will include a brief survey of the history and political organization of Latin America. Enrollment limited.

15a, 16b. Seminar.—Hours to be arranged. MR. FETTER and MR. TEAF.

Readings, reports, and conferences on selected topics, to meet the individual

needs of graduate students. Advanced undergraduate students may enroll for this course after specific arrangement with the chairman of the department.

Economics 17a. Readings in Foreign Economics. MR. FETTER. Tu. Th. S. 9:30.

This course is to train men in the reading of economic literature in foreign languages, and to familiarize them with current economic publications and with the principal economic journals and sources of commercial and statistical information appearing in foreign languages. Intended primarily for economics majors, but qualified men in other fields will be admitted.

The course will be given as demand warrants, with reading in French, German, or Spanish to meet the needs of individual students. Men admitted to the course ordinarily must have the equivalent of two years of college study in the language to be covered, but by special permission a man with only one year may be admitted.

In 1942-43 the course will be devoted to Spanish reading.

ENGINEERING

The engineering courses are designed to give a thorough training in fundamental engineering principles and, as far as practicable, to illustrate the application of these principles to their associated industries.

Students not intending to enter the highly specialized fields of design and research will find the Haverford courses ample for their needs. Graduates of Haverford who have majored in engineering are admitted to the student-engineers' courses of the leading industrial companies on equal terms with graduates of the larger engineering colleges. Those who desire more specialized training before entering the active work of the profession are granted substantial credit toward advanced standing in technical institutions or are admitted to their graduate schools.

The engineering courses are conducted in the Hilles Laboratory of Applied Science, a modern building containing offices, classrooms, drawing rooms, a departmental library, mechanical and electrical laboratories, locker rooms, etc.

Exceptional facilities for observing the practical side of the work are offered by the many manufacturing companies in and near Philadelphia, and frequent inspection trips are made.

A typical course in fundamental engineering, similar to those variously announced as "General Engineering," "Engineering Administration," etc., is outlined immediately below.

FRESHMAN YEAR

Principles of Engineering Drawing and Shop Methods
Engineering Orientation and Surveying
Inorganic Chemistry and Qualitative Analysis
Mathematics
English Composition and Literature and Public Speaking
Foreign Language
Physical Education

SOPHOMORE YEAR

Kinematics of Machines
Analytical Mechanics
General Physics
Calculus
Government and Economic Resources
Elementary Economics
Physical Education

JUNIOR YEAR

Elements of Applied Electricity
 Alternating Currents
 Thermodynamics
 Fluid Mechanics
 Materials of Engineering
 Differential Equations
 Government and Business
 Introduction to Sociology
 Industry and Society
 Physical Education
 Seminar

SENIOR YEAR

Heat Engineering
 Strength of Materials
 Machine Design
 Special Project in Engineering
 Internal Combustion Engines
 Accounting (or Statistics)
 English Elective
 The Corporation
 Labor Policies and Business Management
 Seminar

The specific courses offered are described below; but, in addition, others may be arranged to cover special needs. Application for admission to such courses should be made to the professor in charge. *Engineering 13a, 14b and 23a, 24b* may be counted as courses in Physics for the purpose of satisfying any curriculum requirements.

Major Requirements

Engineering 1a, 2b, 7a, 8b, 13a, 14b, 15a, 16b
 Chemistry 1 or its equivalent, Mathematics 2, Physics 2 and two additional half year courses from Engineering, Mathematics, Physics or Chemistry.
 An active interest in current professional work.
 Seminar and comprehensive examination.

Engineering 7a, 16b, 23a and 24b were offered in the summer of 1942.

1a. Principles of Engineering Drawing and Shop Methods.—Drawing Tu. Th. 1:05-3:30 and one shop period to be arranged, first half-year. MR. HETZEL, MR. HOLMES and MR. RANTZ.

Lettering, conventions, projection, perspective, sketching, detail and assembly drawings, checking, and blue printing. Text: French, *Engineering Drawing*, and French and McCully, *Engineering Drawing Sheets*. Woodworking, pattern and foundry work in shop. Inspection trips. A fee of \$7.50 per semester is charged.

2b. Engineering Orientation, Surveying and Shop Methods.—Tu. Th. 1:05-3:30 and one shop period to be arranged. second half-year. MR. RITTENHOUSE, MR. HOLMES, MR. HETZEL and MR. RANTZ.

The purpose of this course is to inform students as to the nature and scope of various fields of engineering and to acquaint them with typical engineering equipment and problems. Exercises in machine-tool work, in plane surveying and in the mechanical and electrical laboratories. Discussions and reports. Inspection trips. A fee of \$7.50 per semester is charged.

3a or 4b. Descriptive Geometry.—Hours to be arranged. First or second half-year. MR. HOLMES.

Advanced orthographic projections; applications to engineering structures. Theory and plates. A fee of \$5.00 per semester is charged.

5a. Shop Methods.—Hours to be arranged, first half-year. MR. RANTZ.

Machine-tool work on the lathe, planer, milling machine, shaper, etc. Reference reading and reports on modern production methods, costs and time studies. A fee of \$7.50 per semester is charged.

7a. Kinematics of Machines.—Drawing, M. W. 1:05-3:30 and one class period to be arranged first half-year. MR. HETZEL.

Velocity and acceleration analysis of mechanisms; cams, belts and chains, gears, etc. Occasional inspection trips. Text: Keown and Faires, *Mechanism*, and Headley, *Problems in Kinematics*. A fee of \$5.00 per semester is charged.

8b. Analytical Mechanics.—Tu. Th. S. 10:30, second half-year. MR. HETZEL.

A study of forces and moments of forces; determination of forces in trusses and cranes; centroids and center of gravity; rectilinear and curvilinear motion; translation and rotation of bodies; work, power, and energy; impulse and momentum; balancing and moments of inertia. Prerequisite or parallel course, *Mathematics 2*. No fee.

10b. Materials of Engineering.—Two class hours and one laboratory period to be arranged, second half-year. MR. HOLMES.

A study of the production and engineering properties of metals, their alloys and the more important non-metallic materials. Laboratory exercises on the testing machine, heat treatment, microscopic study of metals, hardness testing, etc. Text: Mills, *Materials of Construction*. Inspection trips. A fee of \$7.50 per semester is charged.

11a. Fluid Mechanics.—Three class hours with occasional laboratory tests, first half-year. MR. HOLMES.

The properties of fluids; statics and dynamics of compressible and incompressible fluids; accelerated liquids in relative equilibrium; Reynolds' number; Bernoulli's theorem; flow of fluids in pipes, orifices and nozzles; flow with a free surface in channels and weirs; impulse and momentum in fluids; resistance of immersed and floating bodies; cavitation and dynamic similitude. A fee of \$5.00 per semester is charged.

12b. Thermodynamics.—Hours to be arranged, second half-year. MR. HOLMES.

Energy, gas laws, vapors, mixtures of gases and vapors, flow of fluids, theoretical and actual thermodynamic cycles for power and refrigeration. No fee.

13a. Elements of Applied Electricity.—Tu. Th. 10:30; laboratory, W. or Th. 1:05–3:30, first half-year. MR. RITTENHOUSE.

This course, while fundamental to the more advanced electrical courses, is adapted to the needs of those students desiring practical experience with the common applications of electricity. It includes a study of circuits, d.c. and a.c. generators and motors, lamps, heaters, etc. The instruction is carried on by textbook and laboratory work. Text: Cook, *Elements of Electrical Engineering*. A fee of \$7.50 per semester is charged.

14b. Alternating Current Theory and Practice.—Tu. Th. 10:30; laboratory, W. or Th. 1:05–3:30, second half-year. MR. RITTENHOUSE.

A continuation of course 13a, with a more detailed study of alternating currents including applications to power and communication apparatus. A fee of \$7.50 per semester is charged.

15a. Heat Engineering.—M. W. F. 8:30 and one laboratory period to be arranged, first half-year. MR. HOLMES.

This course includes a study of steam and gas engines, turbines, condensers air-compressors, steam boilers, power-plant economies, and cost of power. Text: Severns and Degler, *Steam, Air and Gas Power*.

One laboratory period a week is required. The laboratory exercises parallel the classroom work and include boiler and engine testing, fuel tests, gas analysis, calibration of instruments, etc. Comprehensive reports for each test are required. Inspection trip. A fee of \$7.50 per semester is charged.

16b. Strength of Materials.—W. F. 8:30 and one laboratory period to be arranged; second half-year. MR. HOLMES.

A study of stress and strain; of beams and columns; of shafting; of girders, trusses, combined stresses, etc. A series of tests on the screw testing-machine is made by each student. Text: Laurson and Cox, *Mechanics of Materials*. Inspection trips. A fee of \$7.50 per semester is charged. Prerequisite, *Engineering 8b*.

17a. Electronics.—Tu. Th. 8:30 and one laboratory period to be arranged, first half-year. MR. BENHAM.

Lectures, problems and laboratory work covering fundamental principles, vacuum and gas tubes, photo-electric devices, etc.

18b. Internal Combustion Engines.—Hours to be arranged, second half-year. MR. HETZEL.

A course on gasoline and Diesel engines, with particular attention to thermodynamics and the subject of fuels. Special topics may be arranged according to the interests of the group. Lectures, assigned reading, problems, laboratory experiments, inspection trips. No fixed fee.

21a or 22b. Mechanical Laboratory.—Hours to be arranged, first or second half-year. MR. HOLMES and MR. HETZEL.

Operation, testing, and theory of steam, gas, hydraulic, and air machinery. Two periods of experimental work per week with reports on each test. If taken as 21a, the course may be continued through the second half-year by arrangement. Prerequisite, *Engineering 15a*. Assigned reading and comprehensive reports. A fee of \$7.50 per semester is charged.

23a. Electrical Circuits and Measurements.—Hours to be arranged, first half-year. MR. RITTENHOUSE.

Circuit theory and laboratory work covering magnetic, inductive, capacitive and polyphase circuits; transients, non-sinusoidal voltages and currents. Text: Weinbach, *Alternating Current Circuits*. A fee of \$7.50 per semester is charged.

24b. Electrical Theory and Experimentation.—Hours to be arranged, second half-year. MR. RITTENHOUSE and MR. BENHAM.

Special topics in electronics, communications and power. This course will be suited to the needs of a limited number of students electing it. Prerequisite, *Engineering 14b or 17a*.

25a, 26b. Special Projects in Engineering.—Hours to be arranged. MR. RITTENHOUSE, MR. HOLMES and MR. HETZEL.

Students majoring in Engineering are encouraged to do individual work in special fields of investigation. Each student devotes the time equivalent to one or two semester courses in comprehensive reading or experimental work and reports on some particular topic. No fixed fee.

27a, 28b. Machine Design.—Hours to be arranged, first or second half-year. MR. HETZEL.

A study of the design of machine elements followed by a comprehensive design project in which a complete machine will be designed and detail working drawings made. Open to Senior engineering majors. Text: Faïres, *Design of Machine Elements*. No fixed fee.

ENGLISH LANGUAGE AND LITERATURE

The department believes it essential to insure that all undergraduates are prepared to use the English language efficiently in their college courses, regardless of the nature of those courses. Freshmen, therefore, are required to prove their ability in this respect.

It believes further that it must provide a general cultural background for those students whose interests are chiefly scientific or technical. It offers, therefore, intermediate courses in English and American literature.

It believes, finally, that it must provide courses for students who intend to do graduate work in literature or related fields. It offers, therefore, advanced courses designed both in content and method to train students with serious special interests.

The department recognizes that these intentions cannot be rigidly differentiated, and there is no intention that they should be. Considerable freedom is possible for the individual student after appropriate consultation.

Major Requirements

An individual program equal to six courses of two terms each, made up principally from the advanced English courses with the approval of the Major Supervisor, and stressing the Elizabethan and nineteenth-century literature.

English 1a, 11a, 32b, and 42b were offered in the summer of 1942.

1a. Methods and Techniques of College Work.—Tu. Th. S. 10:30, first half-year. MR. SNYDER and MR. GIBB.

Supplementary lectures by the President of the College and eight professors from departments other than English.

2b. Types of English Literature.—Tu. Th. S. 10:30, first and second half-years. MR. SARGENT assisted by MR. GIBB.

An analysis of drama, poetry, fiction and expository prose.

3a. Advanced Freshman English.—Tu. 7:30–9:30 p.m. and by appointment, first half-year. MR. GIBB.

Elective for those students who satisfy the instructor and the administration of their eligibility for advanced work. Limited to eight.

4b. Intermediate Composition.—M. W. F. 9:30, first half-year; T. Th. S. 10:30, second half-year. MR. GIBB.

A practical course in exposition and argumentation, written and oral, for Seniors, Juniors, Sophomores and Freshmen. Individual conferences to promote clear and logical presentation of difficult material. Limited to twenty. Apply in advance.

8b. The English Bible.—M. W. F. 1:30, second half-year. MR. FLIGHT.

(See Biblical Literature 8b, page 56.)

11b. Shakespeare.—Tu. Th. S. 8:30, second half-year. MR. SARGENT.

Reading and study of twelve plays with emphasis on features of general and popular interest. Not restricted, but offered primarily for Sophomores.

12a. Contemporary Drama.—Tu. Th. S. 8:30, first half-year. MR. SNYDER.

A study of the technique and practice of the modern drama, as illustrated in the works of Ibsen and the best modern dramatists of England and America. Not restricted, but offered primarily for Sophomores.

14b. American Literature to the Civil War.—M. W. F. 11:30, second half-year. MR. SNYDER.

15a. Epic Poetry.—M. W. F. 11:30, first half-year. MR. SPAETH.

The Epic as a literary type including the Northern Epic, the Nibelungen Cycle, and especially *Paradise Lost*.

21b. Nineteenth-Century Prose Writers.—M. W. 9:30, second half-year. MR. GIBB.

A reading course with conferences and occasional lectures on novelists from Austen to Hardy and essayists from Lamb to Morris.

22b. Nineteenth-Century Poets.—Tu. Th. S. 10:30, second half-year. MR. SNYDER.

A study of six poets: Coleridge, Wordsworth, Shelley, Byron, Keats, and Tennyson. Lectures and classroom discussions.

23a. Elizabethan Literature.—First half-year. MR. SARGENT.

Authors other than Shakespeare. Offered primarily for Juniors majoring in English or a foreign literature. Prerequisite, *English 11b*. Limited to twelve.

[Not offered 1942-43; to be offered 1943-44.]

26b. Eighteenth-Century Literature.—M. W. F. 2:30, second half-year. MR. SNYDER.

The age of Johnson.

27a. Greek Literature in English.—Tu. Th. S. 9:30, first half-year. MR. POST.
(See *Greek 27a*, page 74.)

28a. Creative Writing.—First half-year. Tu. 7:30-9:30 p.m. and by appointment. MR. SARGENT.

Practice in writing imaginative literature. Chiefly confined to prose fiction. Regular assignments, class discussion and personal conferences. Limited to twelve Juniors and Seniors.

30b. Chaucer.—Hours to be arranged, second half-year. MR. SARGENT.

Some introduction to the study of Middle English, but main emphasis upon analysis of the literary qualities of *Troilus and Criseyde* and *The Canterbury Tales*.

32b. Contemporary English and American Literature.—M. W. F. 10:30, second half-year. MR. SARGENT.

Selected twentieth-century writers, from Conrad and Crane to the present. Fiction, verse and criticism. Emphasis on development and treatment of literary problems in this period. Prerequisite, two half-courses in English beyond the Freshman year.

34a. Debating and Public Discussion.—Thursday afternoon. MR. MONTGOMERY.

Local and intercollegiate debates, open forums. Apply in advance.

41a. Special Topics in Prose of the Romantic Period.

Limited to twelve. Apply in advance.

[Not offered in 1942-43.]

42b. Special Topics in Poetry.—Tu. 8-10 p.m. and by appointment, second half-year. MR. SNYDER.

Important treatises on poetics from Aristotle to Whitman. An intensive study of Browning's poems. Limited to twelve. Required of all English Majors. Apply in advance.

[Not offered in 1942-43.]

43a. Methods of Literary Scholarship.—With special reference to Shakespeare M. 7:30-9:30 p.m. and by appointment, first half-year. MR. SARGENT.

A study of the aims, problems and methods of research in English literature by means of a survey of types of Shakespearean scholarship. Bi-weekly reports, and one piece of original investigation. Required of all English Majors. Apply in advance. Limited to twelve.

FRENCH

The introductory courses are language courses designed to give a thorough knowledge of grammar as a basis for accurate reading, conversation and writing in French. French 4 is a survey of the history of French literature from 1800 to the present. The courses in French literature are devoted to intensive study of the periods indicated. All courses are, so far as possible, conducted in French.

Opportunity is given to students who complete French 1 or French 2 with distinction to advance rapidly into higher courses by passing a special examination in September on a prescribed program of vacation study and reading.

Major Requirements

French 3, 4, 5, 16b, 17a, 18b, 19a.

History of France since 1515.

Latin 3 or German 3 or Spanish 4. For those students planning to do graduate work in Romance languages, both Latin 3 and German 3 should be taken; for those not continuing their studies after graduation, Spanish 5a, 6b may be substituted.

Supporting courses in English Literature, History of Art, Italian, and Philosophy are recommended.

A comprehensive examination, written and oral, on the language, literature and history of France.

French 1 was given in the summer of 1942.

1. Elementary French.—MISS GILMAN (Bryn Mawr College).

Grammar, conversation and reading.

2. Intermediate French.—M. F. 2:30. S. 11:30. MR. BLANC-ROOS.

Grammar, conversation, and reading in class and as outside work. Prerequisite, *French 1* or entrance *French 2*.

3. Advanced French.—M. W. F. 9:30. MR. W. W. COMFORT.

Composition and reading of French classics before 1800. Prerequisite, *French 2* or entrance *French 3*.

4. History of French Literature from 1800 to the present.—Tu. Th. S. 9:30. MR. W. W. COMFORT.

Lectures, reading, written and oral reports. Prerequisite, *French 3*.

5. Advanced French Composition and Conversation.—

Based in part on works of recent French literature. Prerequisite, *French 3*. *French 4* is normally a prerequisite, but exception is sometimes made for well qualified students interested primarily in the language.

[Not offered in 1942-43.]

6. Advanced Training in the French Language.—M. F. 2:00-3:30. MR. GUITON.

For 1942-43 the emphasis will be placed on war-terminology, technical expressions, and such elements of the language as will serve most usefully toward liaison-work of all sorts. Prerequisite, *French 3*.

16b. French Literature through the Sixteenth Century.—M. W. F. 9:30. MR. W. W. COMFORT.

Lectures with collateral reading and reports on the history of French literature from its origins through the sixteenth century. Prerequisite, *French 4*.

[Not offered in 1942-43; to be offered in 1943-44.]

17a. French Literature of the Seventeenth Century.—Seminar: Tuesdays, 7:15–10:00 p.m. MR. BLANC-ROOS.

Lectures, reports and discussions on the main currents of thought and the outstanding literary figures of the century. Prerequisite, *French 4*.

[Offered in 1942–43; not to be offered in 1943–44.]

18b. French Literature of the Eighteenth Century.—Seminar, Tuesdays, 7:15–10:00 p.m. MR. BLANC-ROOS.

Rousseau, Voltaire, the Encyclopedists. The reciprocal influence of French and English literature and thought during this century. The novel and the theatre. Prerequisite, *French 4*.

[Offered in 1942–43; not to be offered in 1943–44.]

19a. French Literature of the Nineteenth and Twentieth Centuries.—Hours to be arranged. MR. BLANC-ROOS.

[Not offered in 1942–43; to be offered in 1943–44.]

22b. French Literature of the Nineteenth and Twentieth Centuries.—Hours to be arranged. MR. BLANC-ROOS.

[Not offered in 1942–43; to be offered in 1943–44.]

GEOGRAPHY AND GEOLOGY

Geography 2 was given in the summer of 1942.

1. Geography and Geology.—Tu. Th. S. 8:30. MR. DUNN.

A discussion of the general principles of the sciences, with special reference to North America, and to the Philadelphia region. Practical work in mineralogy, physiography, and stratigraphy is required. Three lectures a week (one omitted at option of instructor). Open to Juniors and Seniors without prerequisite.

[Not offered in 1942–43; to be offered in 1943–44.]

2. Climate, Weather, and Terrain.—MR. DUNN.

GERMAN

1, 2, 3, and 9a [10b] are primarily language courses. The remaining courses are devoted primarily to the history of German literature, or to the intensive study of special periods or authors. The courses in literature are open to Juniors and Seniors, and to especially well qualified Sophomores.

Scientific German texts may be read as regular collateral assignments in German 2 and German 3.

Opportunity is given to students who complete German 1 or German 2 with distinction to advance rapidly into higher courses by passing a special examination in September on a prescribed program of vacation reading.

Major Requirements

German 3, 5a, 6b, 9a [10b], 11a, 12b, 13a, 14b, 15a.

Supporting courses to be arranged in conference with MR. KELLY.

A comprehensive examination covering: 1. The German language; 2. History of the German language; 3. German literature; 4. German history, 1517–1914; and 5. A special period, literary movement, or author.

German 1, 2a, and 3a were offered in the summer of 1942.

1. Elementary German.—Section 1: M. W. F. 8:30; Section 2: M. W. F. 9:30. MR. KELLY and MR. PFUND.

Grammar, conversation, and the reading of simple texts.

2. Intermediate German.—Section 1: M. W. F. 8:30; Section 2: M. W. F. 9:30. MR. KELLY and MR. PFUND.

Texts of moderate difficulty are read both in class and as outside work. One hour a week is devoted to composition. So far as practicable German is the language of the classroom. Scientific German may be chosen as collateral reading.

7a. Intermediate German.—Tu. Th. 9:30, F. 11:30, first half-year. MR. KELLY.

[Offered in 1942-43 for students who have completed *German 2a* during the Summer Session 1942.]

3. Advanced German.—Tu. Th. S. 9:30. MR. PFUND.

Reading of standard works of German literature. Composition and Conversation. The collateral reading may be done in literary or scientific German. Prerequisite, *German 2* or entrance *German 3*.

5a. The Beginnings of Modern German Literature.—A study of Lessing and the early works of Goethe and Schiller. Hours to be arranged, first half-year. MR. KELLY.

Prerequisite, *German 3* or the equivalent.

[Offered in 1942-43; not to be offered in 1943-44.]

6b. The Classical Period of German Literature.—A study of the mature works of Goethe and Schiller. Hours to be arranged, second half-year. MR. KELLY.

Prerequisite, *German 5a* or the equivalent.

[Offered in 1942-43; not to be offered in 1943-44.]

9a or 10b. Advanced Composition and Conversation.—Tu. 7:15-9:15 p.m., F. 2:30; second half-year in 1942-43. MR. PFUND.

Prerequisite, *German 3* or the equivalent.

11a. History of German Literature from its origins to the seventeenth century. Suggested hours, Tu. 7:30-10 p.m., first half-year. MR. PFUND.

Lectures in German, with collateral reading in modern German translation. Discussions. Written and oral reports.

Prerequisite, *German 3*.

[Offered in 1942-43; not to be offered in 1943-44.]

12b. History of German Literature from the seventeenth century to the present. Suggested hours, Tu. 7:30-10 p.m., second half-year. MR. PFUND.

A survey course with lectures in German. Collateral reading. Discussions. Written and oral reports.

Prerequisite, *German 3*.

13a. German Romanticism.—Hours to be arranged, first half-year. MR. KELLY.

A study of the Romantic movement in Germany and its relations to similar movements in England and France.

Prerequisite, *German 3*.

[Not offered in 1942-43; to be offered in 1943-44.]

14b. The German Drama of the Nineteenth Century.—Hours to be arranged, second half-year. MR. KELLY.

[Not offered in 1942-43; to be offered in 1943-44.]

15a. Faust.—Suggested hours, Tu. 7:30–10 p.m., first half-year. MR. PFUND.

An intensive study of Goethe's *Faust* in the original. Consideration is given to kindred works in European literature.

[Not offered in 1942–43; to be offered in 1943–44.]

17a. The Life and Works of Richard Wagner.—Hours to be arranged, first half-year. MR. KELLY.

18b. German Lyric Poetry.—Hours to be arranged, second half-year. MR. PFUND.

GOVERNMENT

Courses in Government are designed with three purposes: to provide an understanding of the philosophy behind and the evolution of political ideas; to study contemporary forms and processes of local, state, national, and international government; to provide training for students entering public service, journalism, or the law.

Major Requirements

Government 3a, 4b, 17a, and 18b.

Any four other courses of one term each in Government.

Any four other courses of one term each in any of the social sciences.

A three-hour examination in political philosophy.

A four-hour examination in other courses taken in the Department of Government.

Government 2b and 13a were offered in the summer of 1942.

2b. Government and Economic Resources.—M. W. F. 8:30, second half-year. MR. PANCOAST.

A study of the basic geographical factors which have influenced political policies, governmental institutions, and economic adjustments.

3a. American Federal Government.—M. W. F. 10:30, first half-year. MR. HERNDON.

A study of the origin and structure of the American Federal governmental system.

This course is intended primarily for Freshmen and Sophomores, and is a prerequisite for higher-numbered courses in this department.

4b. American Public Administration.—M. W. F. 10:30, second half-year. MR. HERNDON.

A study of the functioning of the American Federal governmental system, including its participation in the program of the United Nations.

5a. Contemporary Legislation.—M. W. F. 9:30, first half-year. MR. HERNDON.

A study of the technique of legislation and an analysis of certain selected bills currently before Congress.

8b. Government Finance.—M. W. F. 9:30, second half-year. MR. HERNDON

A study of the general principles of public revenues, public expenditures, public indebtedness, fiscal administration, and of the principles of equity in the distribution of tax burdens. Prerequisite, Government 3 or Economics 1.

Also called Economics 8b.

9a. Constitutional Law.—Tu. Th. 2-3:30, first half-year. MR. HERNDON.

A study of the principles of constitutional interpretation and of the leading decisions of the Supreme Court. This course also includes readings in selected works on constitutional development and lectures on the essentials of jurisprudence.

10b. State and Local Government.—Tu. Th. 2-3:30, second half-year. MR. HERNDON.

A study of the structure and administration of state and local government, with special reference to: Pennsylvania; Montgomery, Delaware, and Philadelphia Counties; Haverford and Lower Merion Townships.

11a. Government and Business.—M. W. F. 10:30, first half-year. MR. TEAF.

See Economics 11a.

13a. American Foreign Policy.—MR. MORLEY and MR. HERNDON.

A study of the basic foreign policies which have evolved in the experience of the United States, and the adaptations which have been found necessary in recent times.

15a. Development of Political and Economic Problems.—W. 1:30; Tu. 8-10:00 p.m., first half-year. MR. STINNES, assisted by MR. PANCOAST.

A lecture and seminar course on the more significant economic and social problems growing out of the Reformation, American and French Revolutions, and the Industrial Revolution.

16b. United States Canada and Mexico.—W. 1:30; Tu. 8-10:00 p.m., second half-year. MR. CHAMBERLIN.

A lecture and seminar course on developing relationships with Canada and Mexico, including background consideration of English and Spanish Colonial policies.

17a. The Development of Political Thought.—W. 11:30; M. 8-10:00 p.m., first half-year. MR. STEERE, assisted by MR. MORLEY, MR. POST, and MR. HERNDON.

A seminar course based upon the writings of selected political philosophers from Plato to Rousseau.

18b. The Development of Political Thought.—W. 11:30; M. 8-10:00 p.m., second half-year. MR. STEERE, assisted by MR. MORLEY, and MR. HERNDON.

A seminar course based upon the writings of selected political philosophers from the time of the French Revolution to the present day. Prerequisite, *Government 17a*.

Students interested in taking certain courses offered by the Faculty in Politics of Bryn Mawr College should consult MR. HERNDON.

GREEK

Instruction in Greek aims from the outset to introduce the student to the thought and culture of ancient Greece. Greek language is important for its relations to other European languages and for its effect on modern scientific terminology, particularly in medicine.

Greek literature and thought have always been an important force in the modern world; in connection with their study the recurring principles of behavior, statecraft, philosophy, and drama are stressed.

Major Requirements

Greek 3, and four half-year courses from Greek 7a, 8b, 9a, 10b, 11a, 12b, 27a, and History 13a.

Three additional courses to be arranged in conference with Mr. Post.

If Greek 3 is not taken in college, an additional half-course will be required.

A comprehensive examination on Greek language and literature, Greek history and Greek civilization.

1. Elementary Greek.—M. W. F. 8:30. MR. POST.

Thorough study of the elements of the language followed by the reading of simple Attic prose. This course should be taken in Freshman year, if possible.

2. Intermediate Greek.—M. W. F. 11:30. MR. POST.

A rapid reading course in such authors as Homer, Herodotus, and Euripides.

3a, 4b. Advanced Intermediate Greek.—Tu. Th. S. 9:30. MR. POST.

Selections from Plato, Menander, Aristophanes, and the tragedians are read.

7a, 8b. Advanced Greek.—Hours to be arranged. MR. POST.

The instructor will arrange with students electing this course for systematic study of special subjects in Greek philosophy, history, or literature in connection with the reading of Greek authors.

9a, 10b. Advanced Greek.—Hours to be arranged. MR. POST.

A continuation of the work done in *Greek 7a, 8b*.

11a, 12b. Advanced Greek Prose Composition.—Hours to be arranged. MR. POST.

This course should be taken by all candidates for final honors in Greek.

27a. Greek Literature in English.—Tu. Th. S. 9:30, first half-year. MR. POST.

Lectures on Greek literature. Reading of Greek poetry, drama, and literary criticism in translation. Essays and discussions. No knowledge of Greek is required in this course, but a general acquaintance with English literature is essential. Also called English 27a.

HISTORY

The study of History provides a background against which many current problems may be viewed to advantage, and it tends to develop critical standards for the evaluation of evidence. It is further important as a foundation for professional studies in fields such as journalism and the law.

Major Requirements

Four full-year courses (or three full-year courses and two half-year courses) in History, other than History 1 and 8a.

Two full-year courses or their equivalent in related departments.

Four review examinations of three hours each.

History 2b and 3b were offered in the summer of 1942.

1. English History.—M. W. F. 10:30. MR. LUNT.

A survey of political, constitutional, economic, and social history, intended as an introductory course.

2. Foundations of the United States, 1492-1865.—M. W. F. 8:30. MR. DRAKE.

Lectures, reading, and discussion in American colonial and early national history. Elective for undergraduates who have been in residence two terms.

3. National Development of the United States, 1865 to the Present.—Tu. Th. S. 8:30. MR. DRAKE.

A study of institutional growth, with the larger social and political issues of the present considered in their historical setting. A lecture, reading, and discussion course. Elective for undergraduates who have been in residence two terms.

4. English Constitutional History.—First half M. W. F. 1:30 second semester; second half summer session at an hour to be announced later. MR. LUNT.

A study of the formation and growth of English institutions, designed to be useful particularly to those who are interested in government and law. Elective for undergraduates who have been in residence two terms.

[Not to be offered in 1943-44.]

5. Mediaeval History.—M. W. F. 9:30. MR. LUNT.

A survey of the history of Europe from the time of the barbarian invasions to about 1500. Elective for undergraduates who have been in residence two terms.

[Offered in 1942-43; not offered in 1943-44.]

6. Modern European History.—M. W. F. 1:30. MR. LUNT.

A survey of the history of Europe from about 1500 to the present. Elective for undergraduates who have been in residence two terms.

[Not offered in 1942-43; to be offered in 1943-44.]

8b. Ancient History of the Near East.—M. W. F. 1:30, first half-year. MR. FLIGHT. (Also called Biblical Literature 5a.)

Elective for undergraduates who have been in residence two terms.

13a. Greek History.—Suggested hours, Tu. 1:30-3:30, Th. 1:30-2:30, first half-year. MR. H. COMFORT.

A survey of Greek history, with frequent reports on the art, archaeology, and political institutions of Greece. A knowledge of Greek is not required.

Elective for undergraduates who have been in residence two terms.

14b. Roman History.—Suggested hours, Tu. 1:30-3:30, Th. 1:30-2:30, second half-year. MR. H. COMFORT.

A survey of Roman history to the time of Constantine. Frequent class reports on special topics. A knowledge of Latin is not required.

Elective for undergraduates who have been in residence two terms.

HUMANISTIC STUDIES

Humanistic Studies 1a was offered in the summer of 1942.

1a, 2b. Hours to be arranged. MR. POST.

This course is designed to introduce students to the life and literature of the Far East through the use of translations and to develop their mastery of a major field and of expository writing. G. Nye Steiger, *A History of the Far East*, is recommended for supplementary reading. Essays weekly or biweekly for discussion at individual meetings with the instructor. It may be taken as one or two half-courses in either half-year by a limited number of students who will be admitted only after a personal interview and only if there is still room for them when they apply to the instructor.

ITALIAN

1. Elementary Italian.—M. W. F. 1:30. MR. H. COMFORT.

Emphasis is laid upon reading, writing, and speaking in the contemporary Italian idiom. Not open to Freshmen.

2. Italian Literature.—M. W. F. 2:30. MR. H. COMFORT.

The *Divina Commedia* and Italian classics both in the classroom and as outside work. Prerequisite, *Italian 1*.
[Not offered in 1942-43.]

LATIN

The courses in Latin supplement the intensive foundation work of the secondary school by means of more extensive reading over a wider range of literature, illustrating successive eras of culture from the third century B.C. to the sixteenth century A.D. By inculcating a fuller knowledge of the Latin language as a tool, the same courses open the door to a better command of English, Romance languages, philosophy, and history.

If Latin is offered at entrance, the requirements for the A.B. degree are as follows:

For those who pass 4 entrance units, no course in college; for those who pass 3 entrance units, a half-course in college (normally Latin 5a); For those who pass 2 entrance units, a full course in college (normally Latin 3); for those who pass no entrance units, two full courses in college (normally Latin 1 and Latin 3).

Major Requirements

Four full-year courses in Latin (not including 1, 3, 5a, and 6b).

Two such additional full-year courses in other departments as are arranged in conference between the student and the professors in charge.

A comprehensive written examination on Roman history, literature, and civilization, and the classical heritage of medieval and modern times. Candidates for honors must also take an oral examination.

1. Elementary Latin.—Hours to be arranged. MR. H. COMFORT.

Grammar, reading, composition. Prepares students for Latin 3.

3. Cicero.—Hours to be arranged. MR. H. COMFORT.

Six *Orations* of Cicero and readings in other prose authors.

5a, 6b. Vergil.—M. W. F. 2:30. MR. H. COMFORT.

Six books of Vergil's *Aeneid* and readings in other Roman poets.

7. Survey of Classical Roman Literature.—M. W. F. 2:30. MR. LOCKWOOD.

Rapid reading of classical authors from Plautus to Suetonius. Emphasis will be laid on literary history and appreciation. Text: Lockwood, *A Survey of Classical Roman Literature*.

Any of the following higher courses may be repeated, with change of content, for full credit.

9a-10b. Readings in Latin Literature.—Hours to be arranged. MR. LOCKWOOD and MR. H. COMFORT.

Individual work. Each student may select a field of writing which is correlated with his other college courses (e.g. in philosophy, history, Romance languages, or English literature) or he may pursue more intensive work in one of the periods or one of the literary types surveyed in Latin 7 or 11.

11. Survey of Medieval Latin Literature.—Hours to be arranged. MR. LOCKWOOD.

Rapid reading of selections from the post-classical, Christian, and medieval Latin writers. Study of the phases of European civilization represented in Latin literature.

13a, 14b. Advanced Prose Composition.—Hours to be arranged. MR. LOCKWOOD.

Either 13a or 14b is required of candidates for Final Honors.

17. Roman Law.—Hours to be arranged. MR. LOCKWOOD.

Reading of selections from the *Institutes*, the *Digest*, and other texts and sources of Roman Law.

MATHEMATICS

Freshman mathematics is designed to provide that background of trigonometry, algebra, analytic geometry and calculus which is necessary for any serious student of the physical or social sciences and which is culturally desirable for many others.

The more advanced courses are arranged to meet the needs of two groups in addition to those majoring in mathematics:

(1) Students of Chemistry, Physics, and Engineering, who should take *Mathematics 2* and in many cases *Mathematics 3* and *Mathematics 11a*.

(2) Students, such as economists and biologists, who need statistics in their major fields and who should take *Mathematics 13a* and *14b*.

The department major prepares for teaching in preparatory schools, for graduate study leading to college teaching, and for statistical and actuarial work.

Major Requirements

Mathematics 1, 2, 3, 7a, 8b, 9a, 10b, 11a, and 16b.

Prescribed parallel reading on the history and general principles of Mathematics.

Three written comprehensive examinations, each three hours in length. An oral examination will be required of candidates for final honors.

It is recommended that facility in reading French and German be acquired as early in the College Course as possible.

Mathematics 1, 3, 7a, 13a, and 15a were offered in the summer of 1942.

1. Freshman Mathematics.—M. F. 11:30, Tu. Th. 8:30. MR. WILSON, MR. OAKLEY, and MR. GREEN.

First semester—Trigonometry and Advanced Algebra. For those presenting Mathematics Gamma or the equivalent, a brief review of plane trigonometry will be followed by advanced plane and spherical trigonometry. For all others the course will begin with plane trigonometry including logarithms and the solution of triangles. Following the trigonometry all students will take *Topics in Algebra*, including complex numbers, combinations and permutations, determinants, and elements of the theory of equations. An advanced section will be operated for those who have already mastered these topics.

Second semester—Analytic Geometry and Calculus: general methods with applications to conic sections and other curves; introduction to the calculus.

2. Calculus.—M. W. F. 8:30. MR. WILSON and MR. GREEN.

Differential and Integral Calculus, with applications. Prerequisite, *Mathematics 1*. Specially well qualified Freshmen may elect this course with the permission of the department.

3. Advanced Calculus and Differential Equations.—M. W. F. 8:30. MR. OAKLEY.

Prerequisite, *Mathematics 2*.

7a, 8b. Introduction to Higher Algebra.—Hours to be arranged. MR. WILSON.

Advanced theory of equations, determinants, matrices, elementary group theory, and an introduction to the theory of numbers. Prerequisite, *Mathematics 2*. [Offered in the summer, 1942 and in the first semester 1942-43; to be offered in 1943-44.]

9a, 10b. Introduction to Higher Geometry.—Hours to be arranged. MR. WILSON.

Projective geometry from the synthetic and the analytic points of view. Klein's theory of general geometries including the standard non-Euclidean cases. Prerequisite, *Mathematics 2*.

[Offered in the second semester 1942-43 and in the summer 1943; not to be offered in 1943-44.]

11a. Partial Differential Equations and Fourier Series.—Suggested hours: M. W. F. 9:30, first half-year. MR. OAKLEY.

Problem course, with many applications to Chemistry, Engineering and Physics. Prerequisite, *Mathematics 3*.

13b. Introduction to Statistics.—M. W. F. 10:30 offered in the second half-year 1942-43. MR. OAKLEY.

Tabular and graphic methods, frequency distribution, averages, measures of central tendency, dispersion and skewness, correlation, tests of significance. Lectures and laboratory. Prerequisite, *Mathematics 1*. A fee of \$5.00 per semester is charged.

14a. Advanced Statistics, Elementary Probabilities and Finite Differences.—M. W. F. 10:30, offered in the first half-year 1942-43. MR. OAKLEY.

This course is designed for students who are interested in statistical and actuarial work. Prerequisite, *Mathematics 2* and *13b*.

15a or 16b. Special topics.—Hours to be arranged. MR. WILSON, MR. OAKLEY, and MR. GREEN.

The content of this course may vary from year to year to suit the needs of advanced students. May be repeated for credit.

19a. Mechanics.—Tu. Th. Sat. 10:30, first half-year. MR. SUTTON and MR. OAKLEY.

Analytical mechanics treating the statics, kinematics, and dynamics of particles and rigid bodies. Lectures and problems on the application of calculus and vector methods to mechanical systems including a brief treatment of Lagrange's equations and the special theory of relativity. Text: Synge and Griffith, *Principles of Mechanics*. Prerequisites: Physics 2 and Mathematics 3 (or Mathematics 3 may be taken concurrently). No fee.

Also called Physics 9a.

MUSIC

In addition to a considerable collection of musical scores and books in the general library, the special equipment of the Music Department consists of a collection of phonograph records, scores, and books presented in 1933 by the Carnegie Corporation and amplified by yearly accessions to almost double its original size (over 1500 records), and a Hammond organ, with a "Model E" type console.

The Haverford College Glee Club has a membership of about 55. It fulfills several functions, such as singing at neighboring institutions (see Cap and Bells organizations, under Clubs), giving concerts on the campus, etc. In preparation for the concerts of serious music, which it gives in conjunction with the Bryn Mawr Choir, the department is offering a special course.

The courses listed below are chiefly a guide for the listener, the critic, the intelligent concert-goer, but they will also give some elementary training to him who would be a craftsman. The extra-curricular activities will give the musically endowed students an opportunity to study the musical masterpieces at first hand, by singing and playing.

1a. Introduction to Music History and Appreciation.—Tu. 7-10. MR. SWAN.

Intended for those students who have a general interest in music without as yet possessing the necessary criteria in approaching it, listening to it intelligently, and appraising it. Devoted to the study of the basic forms of musical art, an analysis of the modern orchestra, and the acquisition of a historical perspective. No prerequisites.

2a, 3b. Sight-reading and ear-training (Solfège) with a view to participation in concerts and musical productions. MR. LAFFORD.

4. The main periods of Music History from the Renaissance to the Nineteenth Century.—

Music in the Nineteenth Century.—(These two courses interconnect and are offered over a period of two years.) M. 7-10. MR. SWAN.

A study of the succession of styles in music (e.g. the Palestrina style, the Baroque, the Classical style of the Viennese masters etc.). Analysis of motets, madrigals, concerti, sonatas, and symphonies. The study of the Nineteenth Century includes the Romantic symphony, chamber and piano music, the opera from Rossini to Verdi, Wagner, and the Russians, the art song from Schubert to Wolf. Prerequisite *Music 1a* or some previous acquaintance with music.

5. The Theory of Music.—Tu. Th. S. 10:30. MR. LAFFORD.

Introduction to Musical Theory, comprising the mechanics of notation, time, and of written music generally. Harmony, from two-part and figured to unfigured harmony, and Counterpoint to fifth species in three parts, with an introduction to fugue. No prerequisites.

6. Advanced Theory of Music.—MR. LAFFORD (to be offered in 1943).

Counterpoint to fifth species and fugue. Practice in the elementary forms of composition. Prerequisite *Music 5*, or its equivalent.

PHILOSOPHY

The courses in philosophy are intended to help men face and examine the great issues of life, to acquaint them with the major currents of reflection upon the nature of the universe, and to assist them in finding their own way to a more ordered and intelligent relation with their world. The work aims to acquaint the students with the great classical thinkers and movements of philosophy and to put them in touch with present day philosophical discussions.

Major Requirements

Philosophy 1a, 5, 7a.

Four other half-year courses in Philosophy.

Four half-year courses in related fields to be arranged in conference with the professor in charge.

A comprehensive examination in two parts: three hours on the History of Philosophy and three hours on one optional field selected from Topics in Philosophy since 1800, or Religious Thought, or Psychology.

Philosophy 1a and 7a were offered in the summer of 1942.

1a. Elementary Psychology.

—Tu. Th. S. 9:30, first half-year. MR. HEPP.
A survey of the present status of scientific knowledge concerning the psychological processes and activities of man, together with a consideration of how such knowledge is obtained and how it may be applied.

2b. Advanced Psychology.

—Tu. Th. S. 9:30, second half-year. MR. STEERE.
A study of the nature and functioning of personality by an examination of personality in difficulties. Both the forms of abnormal behavior and the modern theories of psychotherapy will be studied. Lectures, class reports, and occasional trips to clinics. Elective for twelve Juniors and Seniors and only by consent of instructor. Prerequisite, *Philosophy 1a*.

This course is designed for advanced students only.

3a. Introduction to Philosophy.

—Tu. Th. S. 8:30, first half-year. MR. HEPP.
An understanding of the nature and function of philosophy and of its relations to other fundamental human interests such as science, religion, and art is sought through a consideration of representative philosophical problems.

5. History of Philosophy.

—M. W. F. 10:30, MR. STEERE and MR. HEPP.
A study of the development of philosophy with special reference to Plato, Aristotle, Descartes, Locke, Berkeley, Hume, Spinoza, Leibnitz, Kant, and Hegel. First-hand acquaintance with selected writings of these philosophers, reports, lectures, and class discussions. *Philosophy 3a* is recommended but not required.

7a. Ethics.

—Tu. Th. 2:00-3:30, first half-year. MR. STEERE.
The course will study (1) conflicts of ethical values involved in contemporary life; (2) certain classical ethical devices for resolving those conflicts; (3) the role of the individual and of the group in the realization of ethical values. Case material drawn from contemporary situations and from literature will be widely used. Discussions, lectures and papers.

9a. Classics of Religious Literature.—M. W. F. 8:30, first half-year. MR. STEERE.

A study which will include such books as Augustine, *Confessions*; Bernard of Clairvaux, *On Consideration*; Meister Eckhart, *Sermons*; Little Flowers of St. Francis of Assisi; Thomas à Kempis, *Imitation of Christ*; *Theologica Germanica*; Theresa of Avila, *Autobiography*; Frances de Sales, *Introduction to the Devout Life*; Lancelot Andrewes, *Preces Privatae*; Pascal, *Thoughts*; Isaac Penington, *Letters*; John Wesley, *Journal*; John Henry Newman, *Apologia*; George Tyrrell, *Autobiography*.

[Offered in 1942-43; not to be offered in 1943-44.]

10b. Nineteenth-Century Thinkers.—Hours to be arranged, second half-year. MR. STEERE.

Selected writings of Schopenhauer, Nietzsche, Tolstoy, and Bergson. Open only to Juniors and Seniors, except by permission of instructor.

11a. Logic.—M. W. F. 11:30, first half-year. MR. HEPP.

The principles of valid inference and their application to reasoning in every-day life and in the sciences; the syllogism and other types of formal reasoning, the nature of proof, the detection of fallacies; introduction to the logic of scientific method and to contemporary developments in symbolic logic.

[Not offered in 1942-43; to be offered in 1943-44.]

12b. Philosophy of Science.—M. W. F. 11:30, second half-year. MR. HEPP.

This course, designed for students with a general cultural interest as well as for those specializing in some one of the sciences, aims at an understanding of the nature of scientific knowledge, the logical methods of science, and the structure of scientific systems. The course will aid students of the special sciences in appreciating the manner in which the work of their own field expresses man's scientific interest and contributes to the scientific world-view. Basic concepts such as induction, causation, probability, measurement, explanation, prediction, and verification are analyzed.

17a, 18b. The Development of Political Thought.—M. 8-10 P.M., W. 11:30, MR. MORLEY, MR. STEERE, MR. GERIG, and others. See *Government 17a, 18b*.

21. Philosophical Seminar.—Hours to be arranged. MR. STEERE and MR. HEPP.

Specialized work in some restricted field of philosophic or religious thought is undertaken, the precise subject depending upon the needs of the students and the general interests of the group. Primarily designed for seniors majoring in philosophy and for graduates.

PHYSICAL EDUCATION

The college equipment for outdoor athletics includes: Walton Field for football and track and field sports, with a concrete and wood grandstand and 440-yard oval and 220-yard, six-lane straightaway cinder tracks; the Class of 1888 and Merion Fields for Association (soccer) football, both of which are used for baseball in the spring; a skating pond; Cope Field for cricket, with players' pavilion; an athletic field, presented by the Class of 1916; a baseball field, presented by the Class of 1922 and used also for soccer in the fall; and twelve tennis courts, five of which were presented by the Class of 1923.

The Gymnasium contains a main floor, sixty by ninety feet, used for basketball and intramural sports. Adjoining the main floor are offices for the instructors, the administration of physical examinations, and for special student conferences. Adjoining the main hall is a large and comfortable reading room and apartments for the use of the College athletic coaches and alumni. The basement contains dressing rooms, a number of well ventilated lockers, shower baths, a pool, a wrestling room and storage room for athletic equipment. There is a special dressing room provided for visiting athletic teams. Through the courtesy of the Merion Cricket Club and the Merion Golf Club, facilities for squash and golf are available.

A thorough physical examination with a series of efficiency tests is given to each student upon entrance, and another at the end of Sophomore year. A Tuberculin Test is given to all Freshmen, followed by an X-ray if necessary, as part of this required examination. No student whose physical condition is unsatisfactory will be permitted to represent the College on any athletic team.

Course 1 is required of Freshmen; Course 2, of Sophomores; Course 3, of Juniors.

These courses are arranged in accordance with the plan for all-year physical training during Freshman and Sophomore years, and part-year physical training during Junior year. For *Physical Education 1 and 2*—a half course credit will be given. For *Physical Education 3*—a pass or failure will be shown.

Work on varsity and junior varsity squads may be substituted for regular Physical Education requirements.

1. Physical Education.—Three hours. MR. RANDALL, MR. HADDLETON, MR. EVANS, and others.

A course of elementary instruction in athletic games, including football, soccer, basketball, tennis, golf, track, volley ball, handball, badminton; partly elective. Special corrective exercises during the 2nd and 3rd quarters.

2. Physical Education.—Three hours. MR. RANDALL, MR. HADDLETON, MR. EVANS, and others.

A course of advanced instruction in athletic games with emphasis on intramural sports.

3. Physical Education.—Three hours. MR. RANDALL, MR. HADDLETON, MR. EVANS, and others.

A course almost entirely elective, involving participation in some organized and supervised athletic activity during two of the three athletic seasons of the college year.

PHYSICS

The introductory courses are *Physics 1* and *2*. The first of these covers elementary Physics a little more thoroughly than a secondary school course, but the laboratory work is designed especially for those who do not expect to specialize in physics. *Physics 2* is the basic course for further work in physics, chemistry, or engineering. It covers the work required in physics for admission to many medical schools.

Physics 1-2 is given in the summer term only. It covers much of the work of Physics 2 intensively but less thoroughly. For the present any one of the courses Physics 1 or 2 or 1-2 will be accepted as the required prerequisite for admission to the more advanced courses.

Students intending to specialize in physics, chemistry, or medicine should also elect *Physics 3*.

Major Requirements

Physics 2 (1 or 1-2), 13 and two courses of two terms each from Physics 3, 4b, 5a, 7a, 8b, 9a, 10b, 11a, 12b, 15a, 16b.

History of Physics.

Mathematics 2, and one or one and one-half courses from Chemistry 1 or 2, Engineering 13a, 14b, 23a, 24b, Astronomy 1a, 3a, 4b, or additional mathematics. A comprehensive examination based upon above-mentioned courses.

Physics 1-2 and 14b were offered in the summer of 1942.

1. Introductory Physics.—M. W. F. 9:30; laboratory W. 1:05-3:30. MR. SUTTON.

An elementary course designed for students who have had no previous study of physics, especially for those who may have no intention of specializing in science. Its purpose is to acquaint students with the principles underlying common physical phenomena and to illustrate, by lecture table experiments, solution of problems and simple laboratory experiments, how these principles apply to matters of everyday experience. This is a much less exacting course than Physics 2. It meets at the same hours so that students from either course may be shifted into the other to meet individual needs and capabilities. Text: Blackwood, *Introductory College Physics*. A fee of \$7.50 per semester is charged.

1-2. Physics.—Lectures 9-11 each morning except Saturday in the summer term only; laboratory, 1:05-4:00 two afternoons. MR. SUTTON.

This is an intensive course intended to cover much of the ground of Physics 2, with the omission of selected topics, in a period of two months. Text, prerequisites, and fees are the same as those for Physics 2.

2. General Physics.—Lectures, M. W. F. 9:30; laboratory, Tu., W. or Th. 1:05-3:30. MR. PALMER, MR. VAUX and MR. SEVRINGHAUS.

Mechanics, heat, sound, magnetism, electricity, and light are studied with the help of problems and lecture demonstrations. A feature of this course is the laboratory work, the chief aim of which is accuracy of observation and measurement. Text: Saunders, *A Survey of Physics*. Prerequisites, *Trigonometry*, and *Entrance Physics* or *Physics 1*. A fee of \$7.50 per semester is charged.

3. Ions, Electrons, Radiations, and Atomic Structure.—Tu. Th. S. 9:30. MR. PALMER.

A large amount of reading supplementary to the lectures is required in the library of reference books. Experiments are performed by the class as a whole upon such subjects as: atomic and molecular dimensions, weight, and numbers; magnitude of charge and ratio $E \div M$ for electrolytic ions; $e \div m$ for cathode rays; properties of gaseous ions; measurement of the electronic charge e by Millikan's oil-drop method; current and space charge in an electron tube; photo-electric effect; radiation and ionization potentials; X-ray spectra; rate of decay of thorium emanation, and of the active deposit from radon; counting the alpha particles from a specimen of polonium. Prerequisites, *Physics 2*, *Physics 1-2*. A fee of \$7.50 per semester is charged.

4b. Spectroscopy.—M. W. F. 10:30, second half year; laboratory hours to be arranged. MR. SUTTON.

Lectures, readings, and experiments on spectroscopy and atomic structure giving emphasis upon the underlying theory and offering acquaintance with the laboratory methods involved. A fee of \$7.50 per semester is charged.

5a. Transmission Systems.—Tu. Th. S. 10:30, laboratory, occasional, first half-year. MR. BENHAM.

Lectures, class discussions and occasional experiments on the theory and practice of networks. The course covers reduction and transformation of complex impedance and resistance networks, resonance in electrical circuits, transmission lines, filters, coupled circuits, equalizers, and bridge circuits. Text: W. L. EVERITT, *Communication Engineering*. Prerequisites: *Physics 2*, *Physics 1-2*, *Mathematics 2*. Laboratory fee \$7.50 per semester.

7a. Electricity and Magnetism.—Tu. Th. 10:30; laboratory, Tu. 1:05-3:30 first half-year. MR. BENHAM.

Lectures and laboratory experiments in precision electrical measurements. This course treats such topics as Kirchhoff's laws, Gauss's theorem, magnetic circuits, potential, capacity, inductance, alternating current, and the laws of the electro-magnetic field. Textbook: Page and Adams, *Principles of Electricity*. Prerequisites, *Physics 2*, *Physics 1-2*, and *Mathematics 2*. Fee \$7.50 per semester.

9a. (See Mathematics 19a.)

10b. Introduction to Mathematical Physics.—Tu. Th., S., 10:30 second half-year. MR. SUTTON.

Lectures and problems on selected topics in mathematical physics, such as hydrodynamics, thermodynamics, kinetic theory, wave motion, theory of electric fields, etc. Textbook: Page, *Introduction to Theoretical Physics*. This course and Physics 9a are complementary courses affording one full year in theoretical physics, but a student may elect either half. Prerequisites, *Physics 2*, *Physics 1-2*, and *Mathematics 3* (or *Mathematics 3* may be taken concurrently). No fee.

11a. Optics and Photography.—M. W. F. 10:30; laboratory hours to be arranged. MR. SUTTON.

A study of the principles of physical optics with special reference to photography followed by a systematic study of the photographic process. Laboratory work includes both measurements in optics and photographic dark-room manipulations. Text: Mack and Martin, *The Photographic Process*. A fee of \$7.50 per semester is charged. Prerequisite, *Physics 1 or 2*, or *1-2*.

12b. Sound.—M. W. F. 9:30, laboratory occasional. Second half-year, MR. BENHAM.

A course of lectures, readings and class experiments designed to familiarize the

student with recent developments in acoustics. Study is given to the fundamentals of sound wave propagation, modern electrical and mechanical acoustic systems, architectural acoustics, supersonics, speech and hearing, and the analysis of musical sound. Prerequisite, *Physics 2*, *Physics 1-2*. Fee, \$7.50 per semester.

13. Physics Seminar.—Hours to be arranged. MR. PALMER, MR. SUTTON, and MR. VAUX.

Advanced students in physics are encouraged to do individual work in special fields of investigation. Each student devotes the time equivalent to a full course in pursuing comprehensive reading and experimental work on some particular topic. Weekly meetings are held with the members of the department to discuss the progress in each field of investigation, so that each student becomes familiar with problems other than his own. In this course, the accomplishment of scholarly work of a nature preliminary to research work is the basis for awarding credit toward a degree. Fee, \$10.00 per semester.

14b. Communications.—Tu. Th. S. 10:30 laboratory, W. 1:05–3:30. Second half-year. MR. BENHAM.

An introduction to such subjects as telephone, telegraph, teletype and facsimile (picture transmission) is given. Also, a major part of the work is devoted to learning the Continental Morse code. Laboratory periods are spent in practicing receiving and sending the code under the guidance of the Instructor. Supplementary reading and code practice are required. Prerequisite, *Physics 1* or elementary physics.

15a. Electronics.—(See Engineering 17a.) Tu. Th. (S. occasionally); 8:30, laboratory M. 1:05–3:30, first semester. MR. BENHAM.

This course includes material introductory to electron theory, study and application of vacuum-tubes and problems pertaining to design and analysis of typical circuits employing the vacuum-tube. Laboratory experiments are designed to give the student experience in the handling of apparatus in which the vacuum-tube is used. Prerequisites, *Physics 2*, *Physics 1-2*. Laboratory fee, \$7.50 per semester.

16b. Advanced Radio.—Tu. Th. S. occasionally; 8:30, laboratory Tu. 1:05–3:30 second semester. MR. BENHAM.

This course takes up the design and operation of such apparatus as radio transmitters, receivers, cathode-ray oscillograph, frequency modulated transmitters, television. Laboratory periods intended to give the student experience in handling receiving and transmitting equipment. Prerequisite, *Physics 15a* or *8b*. Laboratory fee, \$7.50.

SOCIOLOGY

The courses in Sociology are designed to prepare students for citizenship in a democracy. Most, if not all, of our problems are at bottom traceable to faulty relationships between people and between groups of people. Hence Sociology as the "Science of human relations" aims to throw light on the relationship of the individual to the group; of group to group; and of group to community.

Sociology, furthermore, analyzes problems of social maladjustment, such as crime, poverty, and the breakdown of family life, which call for intelligent social action if community life is to be the matrix from which good citizenship is born.

Major Requirements

Six half-year courses in Sociology.

Six other half-year courses or their equivalent, chosen from the following: Biology 7, Philosophy 1a, Philosophy 2b, Government 1, Government 3, Economics 1 and Mathematics 13a, in consultation with the major supervisor.

Additional selected readings covering a special field in Sociology.

A four-hour comprehensive examination covering the field of Sociology and related courses.

A three-hour examination, written or oral or both, covering a special field in Sociology chosen by the student.

For graduate students majoring in Sociology, Mathematics 13a (Introduction to Statistics) and Mathematics 14b (Advanced Statistics) may be counted as courses in Sociology.

Sociology 1a and 5a were offered in the summer of 1942.

1a. An Introduction to Sociology.—First half-year. MR. WATSON.

Section 1—M. W. F. 9:30.

Section 2—M. W. F. 11:30.

This course is an introduction to the scientific study of society. Its purpose is to study (1) those social forces and social processes whereby original nature is transformed into human nature, and (2) a description of the social organization man has evolved and the interaction between it and himself.

2b. Criminology.—M. W. F. 11:30, second half-year. MR. WATSON.

Social origins of crime and criminals; costs to the community and society; apprehension and rehabilitation of offenders; police organization; the courts in operation; penology including the probation and parole systems. Trips to penal institutions and the criminal courts will be made. Prerequisite, *Sociology 1a*.

4b. Ethnic Relations.—M. W. F. 9:30, second half-year. MR. WATSON.

A study of "racial" and cultured factors in American communities. Special attention will be paid to the Negro, the Oriental immigrant, and the American Indian. The particular cultured contributions of various minority groups are explored, and methods of resolving conflicts between groups are examined. Prerequisite, *Sociology 1a*.

5a. Industry and Society.—Tu. Th. S. 9:30, first half-year. MR. WATSON.

A sociological appraisal of modern industrialism. The course includes a detailed study of certain social problems, such as wages, hours of labor, unemployment, and other forms of economic insecurity, to discover, if possible, any causal connection between them and industry as such. The wider implications of the Machine Age are examined, together with proposed remedies for its alleged evils. Prerequisite, *Economics 1*.

Also called *Economics 5a*.

6b. Labor Policies and Business Management.—Tu. Th. S. 9:30, second half-year. MR. PANCOAST.

Particular problem areas in collective bargaining will be examined. Immediate effects on groups directly involved are distinguished from long-run consequences to society. Restraints of trade arising out of the employment relationship are analyzed as to their economic effects, particularly on "full" employment. Prerequisite, *Sociology 5a* or *Economics 11a*.

7a. Seminar in Social Science Research.—M. W. F. 2:30, first half-year. MR. PANCOAST and MR. WATSON.

The seminar aims to acquaint the student with the general methods of research

in the social sciences and their interrelations. It lays a foundation for the preparation of M.A. theses and longer term papers involving social science research techniques.

Classis limited to men majoring in one of the social sciences. Prerequisite, one two-term course or two one-term courses in any of the social sciences.

8b. Problems of the Modern Family.—M. 7:30–9:20 P.M., W. 2:30, second half-year. MR. WATSON.

A seminar course on problems of the modern family and education for parenthood. A discussion of relationships of husband-wife; parent-child; and family-community. The emphasis throughout is on factors making for normal family life and successful adjustment thereto. Restricted to a limited number of upper classmen or graduate students. Apply in advance. Prerequisite, *Sociology 1a*.

SPANISH

For an understanding of the literary and cultural background of Spain and Hispanic America, there is offered a wide range of courses in the Spanish language and literature. Exceptional opportunities are afforded for the study of the spoken language through the Assistance of Mr. and Mrs. Asensio as directors of the Language House.

Major Requirements

Spanish 3, 5a, 6b, 7.

Three additional courses to be arranged.

A three hour examination on each of the topics: (1) The literature of the Golden Age; (2) The Nineteenth Century; (3) The Modernista movement in Spain and Latin America. Candidates for Final Honors will in addition take an oral examination.

Spanish 1 and 3 were offered in the summer of 1942.

1. Elementary Spanish.—Section 1: M. W. F. 8:30; Section 2: M. W. F. 1:30 MR. BLANC-ROOS.

Grammar, composition, and reading. Emphasis is on the acquisition of creative ability for speaking and writing Spanish.

3. Intermediate Spanish.—M. W. F. 10:30. MR. ASENSIO.

Reading of moderately difficult texts, in class and as outside reading, chosen for the greater part from modern novels and plays. The theory of Spanish versification. Conversation, grammar, and free composition.

5a. (Formerly 6b). Spanish and Latin-American Literature of the Nineteenth and Twentieth Centuries.—Tu. Th. 10:30, Fr. 7:00 p.m. MR. ASENSIO.

Romanticism in Spain. The movement of '98. The novel in Latin-America, and Modernismo. Lectures, written reports and discussions.
[Offered in 1942–43; not to be offered in 1943–44.]

6b. Spanish Literature of the Golden Age.—Tu. Th. 10:30, F. 7:00 p.m. MR. BLANC-ROOS.

Cervantes and Quevedo. Also selected readings from *Amadis de Gaula* and other

books of chivalry, as giving point to one of the aspects of *Don Quijote*. Lectures, written and oral reports.

[Offered in 1942-43; not to be offered in 1943-44.]

7. Special Topics in Spanish Literature.—Hours to be arranged. MR. BLANCK-ROOS and MR. ASENSIO.

Topics for 1943-44: The *Romancero*. The picaresque novel: *Lazarillo de Tormes*, *Guzmán de Alfarache*, *El Buscón*. The drama: Lope de Vega and Calderón.

[Not offered in 1942-43; to be offered in 1943-44.]



DEGREES, PRIZES, AND HONORS GRANTED IN 1941-1942

DEGREES

The following degrees were conferred on Commencement Day,
June 6, 1942.

DOCTORS OF SCIENCE

HENRY VOLEMAR GUMMERE, '88

GEORGE KING STRODE, '08

MASTER OF ARTS

GIBB, THOMAS C. (A.B., Dickinson College, 1934)

Thesis: The Authorized Version of the Bible and its Influence
on English Prose Style

LADD, GEORGE ALDEN (A.B., Dartmouth College, 1941)

Thesis: An Examination of Representative Governmental
Agencies for the Settlement of Labor Disputes

LAUGHLIN, WILLIAM SCEVA (A.B., Willamette University, 1941)

Thesis: The Relation of Race Information and Racial Distance
Among Students of Introductory Sociology

MILLS, THEODORE MASON (A.B., Guilford College, 1941)

Thesis: A Sociometric Study of Student Groups at Haverford
College

START, LESTER J. (A.B., Hamilton College, 1941)

Thesis: The Subjective Element in the Writings of Soren
Kierkegaard

WEISKEL, FRANK MILTON (A.B., Muhlenberg College, 1940)

Thesis: A Study of the Relationship Between Mysticism and
Morality as Reflected in the Teachings of Meister
Eckhardt

MASTERS OF SCIENCE

LAUGHLIN, JOHN S. (A.B., Willamette University, 1940)

Thesis: Photoionization of Molecular Gases

HOLMES, WINFRED HENRY (B.S., William Penn College, 1940)

Thesis: The Condensation of Amines with Naphthoquinone Sul-
fonic Acid

NEWHALL, WILLIAM FREEMAN (A.B., Haverford College, 1941)

Thesis: A New Hydrate of Sodium Chromate

RUOF, CLARENCE HERMAN (A.B., Gettysburg College, 1941)

Thesis: The Preparation of Oximes and their Application as
Analytical Reagents

BACHELORS OF ARTS

WARREN DEWITT ANDERSON	JOHN ABERCROMBIE FUST
RICHARD DEMME BAUER	CLIFFORD KIRK GREER
EDGAR DAWSON BELL, JR.	LOUIS NORMAN GRIER, JR.
BICKLEY BURNS BRODHEAD	JACOB JARDEN GUENTHER, JR.
JOHN ARTHUR CLARK	THOMAS CANBY JONES
THOMAS CUNNINGHAM COCHRAN, JR.	MALCOLM HOBART MCGANN, JR.
ROY AUGUSTUS DYE, JR.	ROBERT EVERTS MILLER, JR.
JOHN YOUNG ELLIOTT	PAUL RADELL O'CONNOR
WALTER CROSS FALCONER	FRANKLIN PRATT SWEETSER

BACHELORS OF SCIENCE

CHARLES CONRAD ABBOTT	TA CHUN HSU
JAMES NEAL ADDOMS	FRANK DALLAS JOHNSTON, II
GEORGE LEWIS ALDRIDGE	HENRY WEBB JOHNSTONE, JR.
EDWARD HOWARD BEDROSSIAN	RICHARD KAY
KNOX BROWN	MALCOLM SUYDAM KIRKPATRICK
RICHARD WILLITS BROWN	LINWOOD THEODORE LAWRENCE, JR.
NOBLE ALBERT BURFORD, JR.	JAMES PHINEAS MAGILL, II
JOHN EDGAR BYE	WILLIAM BUELL MELDRUM, JR.
THOMAS LLOYD CADBURY	CHARLES ALEXANDER OLSON, JR.
ELEAZER EDWARDS CHILDS	GEORGE MCCALL COURTS OULAHAN
ALAN LLOYD DORIAN	DAVID MANCHESTER POOLE
ROBERT WILMER DUNHAM	THOR NATHANIEL RHODIN, JR.
DAVID AMOS EMERY	KENNETH STOKES ROBERTS
EDGAR ROLAND EMERY	LEWIS PAUL SAXER
ARTHUR EVANS	CHARLES DAVID SCHAEFFER
EDWARD FLACCUS	DAVID MARTIN SENSENIG
KENNETH JOSEPH FOREMAN, JR.	WILLIAM HENRY WILLIAMS SKERRETT, JR.
WOLFGANG FRANZEN	DONALD CHAPMAN SPAULDING
JAMES FREDRICK GARY	ROBERT WALTER STARR, III
GOVE HAMBIDGE, JR.	EUGENE POOL SZERLIP
HEBER REECE HARPER, II	JOHN DARSIE THOMSON
FRANK WILLARD HASTINGS	DANCY GRAY WEAVER
TIMOTHY PEYTON HAWORTH	JOHN HICE WISE
GORDON WALTER HOWE	WINFIELD SCOTT WORRALL

CLEMENTINE COPE FELLOWSHIPS FOR 1942-43

LEWIS PAUL SAXER, 1942
GOVE HAMBIDGE, JR., 1942

CORPORATION SCHOLARSHIPS FOR THE SUMMER TERM, 1942

Class of 1943

EUGENE E. ANDERSON, JR. STUART L. RIDGWAY
CARL EDGINGTON WIDNEY

Class of 1944

ELLSWORTH CHAPMAN ALVORD, JR. DONALD HESTON BAIRD
ROBERT BRIGGS DAY

Class of 1945

WARREN C. BALDWIN RICHARD WALLACE COLE
JOSEPH ANTHONY LIBBON, JR.

Class of 1946

STANLEY SHERMAN BURNS, JR. JOHN PHILIP FEIL

CORPORATION SCHOLARSHIPS FOR THE FALL TERM, 1942-1943

Class of 1943

KENEDON POTTER STEINS
JOHN CUNNINGHAM WHITEHEAD

DAVID ALLEN COOLIDGE
HOLLAND HUNTER

Class of 1944

EDWARD BURROUGHS IRVING, JR.
DONALD HESTON BAIRD

ROBERT BRIGGS DAY
JOHN ARTHUR FRANTZ

Class of 1945

EDWARD HAVEN HANDY, JR.
GEERT CALEB PRINS, JR.

HENRY F. HUNTER
JOSEPH ANTHONY LIBBON, JR.
RICHARD ARNOLD RICKS, III

Class of 1946

THOMAS PATON GOODMAN
HANS EBERHARD PETERSEN

GEORGE MONTGOMERY, JR.
STANLEY SHERMAN BURNS, JR.

PRIZES

The Alumni Oratorical Prizes (\$25) each for Seniors and Juniors:

E. CLARKE STILES, JR., 1943

STERLING NEWELL, JR., 1943

*The Class of 1896 Prizes (\$20 in books) in Latin and in Mathematics
for Sophomores have been awarded as follows:*

Latin (\$10)—NOT AWARDED

Mathematics (\$10)—ELLSWORTH CHAPMAN ALVORD, 1944

*The Lyman Beecher Hall Prize in Chemistry
(\$100 from Endowment by the Class of 1898)
for Juniors, Seniors or Graduates within three years of graduation
who expect to engage in research has been divided between*

JAMES NEAL ADDOMS, 1942; LEWIS PAUL SAXER, 1942

*The Class of 1902 Prize in Latin (\$10 in books) for Freshmen
has been awarded to*

JOHN HOWARD BERGE, 1945

*The Mathematics Department Prizes (\$25 for Freshmen) awarded in
competition by examination, have been awarded to*

First Prize (\$15)—ROBERT G. PONTIUS, 1945

Second Prize (\$10)—RICHARD WALLACE COLE, 1945

The Elliston P. Morris Prize

*A prize of \$40 open to undergraduates, and to graduates of not more
than three years' standing, for the best essay bearing on the general
problem of "International Peace and the Means of
Securing It." has been awarded to*

GOVE HAMBIDGE, JR., 1942

*The Elizabeth P. Smith Prize (\$40) for the best essay on International
Peace has been awarded to*

WOLFGANG FRANZEN, 1942

The Scholarship Improvement Prizes (\$95) for the two Seniors who have shown the most steady and marked improvement in scholarship during the college course have been awarded as follows:

First Prize (\$50)—FRANK DALLAS JOHNSTON, II, 1942
Second Prize (\$45)—NOBLE ALBERT BURFORD, JR., 1942

The Founders Club Prize (\$25 in books) for the Freshman who has shown the best attitude toward college activities and scholastic work has been awarded to

JAMES ALBERT SCHNARRS, 1945

The George Peirce Memorial Prize in Chemistry or Mathematics (\$25) offered exclusively for students who expect to engage in research has been divided between

RICHARD WILLITS BROWN, 1942
PAUL RADELL O'CONNOR, 1942

The Logan Pearsall Smith Prize (\$50 in books) for that member of the Senior Class who, in the opinion of the Committee on Prizes, has the best personal library has been awarded to

HENRY WEBB JOHNSTONE, JR., 1942

The William Ellis Scull Prize (\$50) awarded annually to the upper classman showing the greatest achievement in voice and the articulation of the English Language, has been awarded to

JOHN CRESPI MARSH, 1943

The S. P. Lippincott Prize in History (\$100) has been awarded to

WILLIAM LEONARD HEDGES, 1944

The Newton Prize in English Literature (\$50) on the Basis of Final Honors, has been awarded to

W. HENRY W. SKERRETT, JR., 1942

The Class of 1910 Poetry Prizes
Two prizes of \$15 and \$10 respectively have been awarded as follows
for the best verse written by a Haverford undergraduate during the year

First Prize—DONALD CHAPMAN SPAULDING, 1942
Second Prize—CLYDE KINGSLEY NICHOLS, JR., 1942

The Reading Prizes in Philosophy (\$65 in books) for Seniors and Juniors have been awarded to

First Prize (\$40)—NOT AWARDED
Second Prize (\$25)—WOLFGANG FRANZEN, 1942

A Competitive Prize Scholarship (\$300) for graduate study in Classics has been awarded, by the American Academy in Rome, to

WARREN DEWITT ANDERSON, 1942

The Varsity Cup
Awarded annually for Leadership, Sportsmanship and Athletic Ability, has been awarded to

JAMES PHINEAS MAGILL, 2ND, 1942

The Merit Award of the Engineers Club of Philadelphia (\$25) to the Senior in Engineering courses who has demonstrated the qualities of Scholarship, Leadership and Personality:
has been awarded to

KENNETH STOKES ROBERTS, 1942

HONOR SOCIETIES

The following members of the Class of 1942 were elected to the Phi Beta Kappa Society

At the end of the Junior Year

JAMES NEAL ADDOMS
COURTS OULAHAN

PAUL RADELL O'CONNOR
LEWIS PAUL SAXER

At the end of the Senior Year

WARREN DEWITT ANDERSON
RICHARD WILLITS BROWN
DAVID MARTIN SENSENIG
GOVE HAMBIDGE, JR.

WOLFGANG FRANZEN
BURNS BRODHEAD
FRANKLIN PRATT SWEETSER
LINWOOD THEODORE LAWRENCE, JR.

The following members of the Junior Class were elected to the Phi Beta Kappa Society

EDWARD ARNOLD GAENSLER
HOLLAND HUNTER

STUART LONGFELLOW RIDGWAY
EUGENE EDWIN ANDERSON, JR.

The following Seniors were elected to the Founders Club, an organization based on merit in both studies and college activities:

During the Junior Year

ROBERT EVERTS MILLER, JR.
JAMES NEAL ADDOMS

KENNETH STOKES ROBERTS
RICHARD DEMME BAUER
COURTS OULAHAN

During the Senior Year

EDWARD FLACCUS
ARTHUR EVANS

DAVID MANCHESTER POOLE
THOMAS COCHRAN
EDGAR D. BELL

The following Juniors were elected to the Founders Club

HASKELL TORRENCE
PAUL MARKLEY COPE, JR.
H. MATHER LIPPINCOTT, JR.

ROBERT MACCRATE
JOHN CUNNINGHAM WHITEHEAD
TRISTRAM POTTER COFFIN
J. MORRIS EVANS

The following Sophomore was elected to the Founders Club

ELLSWORTH CHAPMAN ALVORD

HONORS

FINAL HONORS

Including Honors, High Honors, and Highest Honors awarded upon graduation, and by vote of the Faculty on recommendation of a department or group of related departments. Awarded only to students whose work has been more profound in a given field, or more extensive in scope, than the minimum required, and who have fulfilled all the requirements for Final Honors in their respective Major Departments.

Highest Honors

LEWIS PAUL SAXER, 1942.....Chemistry

High Honors

JAMES NEAL ADDOMS, 1942.....	Chemistry
BURNS BRIDHEAD, 1942.....	Biblical Literature
RICHARD WILLITS BROWN, 1942.....	Chemistry
GOVE HAMBIDGE, JR., 1942.....	Biology
PAUL RADELL O'CONNOR, 1942.....	Chemistry
DAVID MARTIN SENSENIG, 1942.....	Chemistry
W. HENRY W. SKERRETT, JR., 1942.....	English

Honors

CHARLES CONRAD ABBOTT, 1942.....	Biology
JAMES NEAL ADDOMS, 1942.....	Engineering
WARREN DEWITT ANDERSON, 1942.....	Latin
JOHN E. BYE, 1942.....	Biology
THOMAS LLOYD CADBURY, 1942.....	Biology
LOUIS NORMAN GRIER, JR., 1942.....	History
RICHARD KAY, 1942.....	Chemistry
MALCOLM HOBART MCGANN, JR., 1942.....	History
FRANKLIN PRATT SWEETSER, 1942.....	French
JOHN HICE WISE, 1942.....	Chemistry
WINFIELD SCOTT WORRALL, 1942.....	Chemistry

SOPHOMORE HONORS

In Departments

Representing a minimum of 150 hours of Honors work in addition to that required for two or more scheduled courses of the Department, plus grades of 90, or better, for the present year in the Department indicated.

ROBERT BRIGGS DAY, 1944.....	Chemistry, Mathematics
JOHN ARTHUR FRANZ, 1944.....	Chemistry

HONORABLE MENTION

In Single Courses in the Freshman or Sophomore Year

Representing a minimum of 75 hours of Honors work in addition to that required for the course named, plus a grade of 85 or better, in the same course.

KENNETH BACHE, 1945.....	English 2
WARREN CHALES BALDWIN, 1945.....	Chemistry 2
JOHN RICHARD CARY, 1945.....	German 9a; 14b
MANUEL JOSEPH GOMEZ, 1944.....	Spanish 3
HENRY HAMILTON GRAY, 1944.....	Geology 1; Physics 2
ERNEST MAURICE HEIMLICH, 1945.....	English 2
DAVID YI-YUNG HSIA, 1945.....	Chemistry 1
ROBERT MORRISON JACOB, 1944.....	German 2
LEWIS MARSHALL JOHNSON, 1945.....	Math. 1
JAMES RENFREW JOHNSTON, III, 1945.....	Chemistry 2
JOHN SHARPLESS KLEIN, 1944.....	German 3
MORTIMER POWELL LAWTON, 1945.....	Chemistry 2
A. GREGORY MORRIS, 1945.....	English 2
GEERT C. E. PRINS, 1945.....	English 2

DIRECTORY

STUDENTS IN THE COLLEGE

In the last column is given the number of the student's dormitory room; Bn is an abbreviation for Barclay Hall, North; Bc for Barclay Hall, Center; Bs for Barclay Hall, South; F for Founders Hall; G.H. for Government House; Lg.H., for Language House; Ld.H., for Lloyd Hall; M for Merion Hall; D for day student. The field of major concentration is indicated in parentheses.

GRADUATE STUDENTS

Name	Home Address	College Address
DIXON, JOHATHAN S. (S.B., University of New Hampshire, 1942)	Sanford, Maine	G.H.
HALE, WILLIAM Q. (A.B., Earlham College, 1942) . . . (Sociology)	96 N. Comstock Street, Wabash, Ind. (Living at Pendle Hill, 1942-43)	
HALTER, ROBERT ELINE (A.B., Gettysburg College, 1942)	Hanover, Pa.	G.H.
MULLOWNEY, JOHN J. (M.D., University of Pennsylvania, 1908)	Haverford College, Pa.	F
WRIGLEY, ARTHUR N. (A.B., Haverford College, 1937)	7134 Cresheim Road, Mt. Airy, Phila., Pa.	D

UNDERGRADUATE STUDENTS

A

Name	Home Address	College Address
ABBOTT, CORNELIUS WEBSTER (Economics)	5506 Lombardy Place, Baltimore, Md.	21 Ld.H.
ALFORD, THEODORE CRANDALL, JR.	Theoford Farm, McLean, Va.	120 M
ALLEN, JOHN MALONE (Engineering)	2861 Lee Road, Shaker Hts., Ohio	38 Ld.H.
ALLINSON, ANDREW PREVOST	Town's End Farm, West Chester, Pa.	28 Ld.H.
ALVORD, ELLSWORTH CHAPMAN, JR. (Chemistry)	3512 Lowell Street, Washington, D. C.	6 Bs
AMBLER, WILLIAM W., JR.	207 Lycoming Avenue, Willow Grove, Pa.	120 M
ANDERSON, EUGENE EDWIN, JR. (Latin)	Sharon, Pa.	30 Bc

B

BACHE, KENNETH	15 Dickle Road, Scarsdale, N. Y.	103 M
BAIR, GEORGE ELDRIDGE (English)	18 Gramatan Gardens, Bronxville, N. Y.	33 Ld.H.

Name	Home Address	College Address
BAIRD, DONALD HESTON.....	(Chemistry) 2024 East Lafayette Place, Milwaukee, Wis.	33 Ld.H.
BAKER, ELWOOD TATE.....	37-23—83rd Street, Jackson Heights, N. Y.	68 Bn
BAKER, WILLIAM PERRIN, JR.....	355 Columbia Avenue, Palmerton, Pa.	50 Bn
BALDERSTON, JOHN LLOYD, JR.....	(Physics) 1800 Angelo Drive, Beverly Hills, Calif.	12 M
BALDWIN, WARREN C.....	91 Nehoiden Road, Waban, Mass.	21 Bs
BALLS, KENT FRANKE.....	3406 Lowell Street, Washington, D. C.	1 Ld.H.
BARNES, WILLIAM J., JR.....	146 Maple Street, Englewood, N. J.	111 M
BARTHOLOMEW, GEORGE A.....	1545 Beechwood Boulevard, Pittsburgh, Pa.	13 Ld.H.
BARTLETT, FREDERICK HENRY, JR.....	15 S. Somerset Ave., Ventnor City, N. J.	29 Bc
BARTON, WILLIAM HENDERSON, JR.....	818 Russell St., Nashville, Tenn.	22 Ld.H.
BASSETT, DAVID ERISMAN.....	118 Highland Avenue, Bala-Cynwyd, Pa.	D
BEARDSLEY, JOHN POST.....	(English) 1919 Spruce St., Phila., Pa.	23 F
BEDROSSIAN, ROBERT HAIG.....	4501 State Road, Drexel Hill, Pa.	25 Bc
BELL, ARTHUR HALLOCK.....	(Engineering) Milton, Ulster Co., N. Y.	31 Bc
BENGE, JOHN H.....	237 Washington Street, Kennett Square, Pa.	22 Bs
BIRDSALL, THOMAS MORRISON.....	139 Booth Lane, Haverford, Pa.	58 Bn
BLOCK, EDWARD.....	810 W. Sedgwick Street, Mt. Airy, Phila., Pa.	29 Ld.H.
BOLGIANO, LOUIS PAUL, JR.....	(Engineering) 4411 Norwood Road, Baltimore, Md.	7 Bs
BOTELER, CHARLES M., JR.....	4934 Upton St., N.W., Washington, D. C.	33 Bc
BOYSEN, ALFRED CHARLES.....	(Mathematics) 25 Tyson Avenue, Glenside, Pa.	17 M
BRINTON, EDWARD.....	Pendle Hill, Wallingford, Pa.	8 Lg.H.
BROWN, JARED SPENCER.....	(Chemistry) Mercersburg, Pa.	37 Ld.H.
BROWN, MARVIN LUTHER, JR.....	(History) 478 Manheim Street, Philadelphia, Pa.	35 Ld.H.
BRYSON, ARTHUR EARL, JR.....	182 Myrtle Street, Winnetka, Ill.	5 Ld.H.
BURNS, STANLEY SHERMAN, JR.....	4603 Pershing Ave., St. Louis, Mo.	29 Bc
BUSH, JOHN HATHAWAY.....	4901 Hillbrook Lane, Washington, D. C.	9 Ld.H.
BUSHNELL, JONATHAN FREEMAN.....	53 Hancock Street, Rochester, N. Y.	54 Bn
BUYERS, ARCHIE GIRARD.....	(Chemistry) Picatinny Arsenal, Dover, N. J.	31 Ld.H.
C		
CADBURY, CHRISTOPHER J.....	(Philosophy) 7 Buckingham Place, Cambridge, Mass.	8 F
CALHOUN, CREDE C.....	c/o Marsh, R.F.D. 2, Westport, Conn.	11 Ld.H.

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CAMERON, ANGUS MALCOLM	318 8th Avenue, S.E., Minot, N. D.	8 M
CANAN, LAWRENCE HENDERSON, JR.	1803 Third Avenue, Altoona, Pa.	12 F
CARY, JOHN RICHARD	311 Chester Avenue, Moorestown, N. J.	9 Lg.H.
CASE, WARD CALVIN	43 Preston Road, Columbus, Ohio	14 Ld.H.
CHARTENER, WILLIAM HOUSTON	414 Parkway, Monessen, Pa.	G.H.
CLARK, JOHN WILSON	Apartado 1252, Panama, Rep. of Panama	13 F
CLAYTON, ROBERT FRANCIS	49 E. Providence Road, Lansdowne, Pa.	105 M
CLEMENT, FREDERICK T. J.	407 Woodland Avenue, Wayne, Pa.	10 Ld.H.
COALE, EDGAR BELLVILLE	521 E. Mermaid Lane, Phila., Pa.	67 Bn
COCKS, GEORGE ROWLAND	1278 Maple Avenue, Peekskill, N. Y.	6 F
COFFIN, LEWIS EDWARD	150 Church Street, Newton, Mass.	52 Bn
COFFIN, TRISTRAM POTTER	Box 89, Edgewood Farm, Wakefield, R. I.	3 Ld.H.
COLE, RICHARD WALLACE	260 Case Avenue, Sharon, Pa.	11 Ld.H.
COMPTON, HORACE NEWTON, JR.	622 Bryn Mawr Avenue, Penn Valley, Narberth, Pa.	D
CONKLIN, GEORGE LEWIS	601 Merion Avenue, Penfield, Upper Darby, Pa.	D
CONN, WILLIAM KERR	5026 Saul Street, Philadelphia, Pa.	6 Bs
COOK, EDWARD MARSHALL, JR.	56 Cedarbrook Road, Ardmore, Pa.	D
COOLIDGE, DAVID ALLEN	1127 Kensington Road, Grosse Pointe Park, Mich.	7 Ld.H.
COPE, WALTER HARVEY	Hotel Morton, Atlantic City, N. J.	37 Bc
CORNMAN, GUY L., JR.	Conshohocken State Road, Gladwyne, Pa.	D
COURTRIGHT, ROBERT CADY	R.R. 1, Pipestone Road, Benton Harbor, Mich.	70 Bn
COWAN, WILLIAM EDGAR	3220 Cove Road, Merchantville, N. J.	50 Bn
CRABTREE, JODIE DEE, JR.	2121 Illini Road, Springfield, Ill.	14 Lg.H.
CRAIG, CASSIN WINCHESTER	300 Maple Avenue, North Hills, Montgomery Co., Pa.	5 F
CROSMAN, DORLAND LORING	447 Hillside Place, South Orange, N. J.	G.H.
CURTIS, FREDERICK AUGUSTUS, JR.	Granby, Mass.	39 Bc
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DAVIS, DANIEL ELIAS, JR.	"Glen Osborne," Sewickley, Pa.	16 Ld.H.
DAY, ROBERT BRIGGS	930 Fairway Drive, Warren, Ohio	20 Ld.H.
DEITSCH, PETER HERBERT	1075 Park Avenue, New York, N. Y.	34 Bc
DE LONG, ROBERT PAUL	1150 Linden Street, Allentown, Pa.	15 Bs

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DELP, WILLIAM TAYLOR.....	520 Derstine Avenue, Lansdale, Pa.	53 Bn
DE SCHWEINITZ, GEORGE L., JR.....	R.D. 2, Bethlehem, Pa.	11 Lg.H.
DEWALD, JEFF.....	418 Central Park West, New York, N. Y.	D
DOMINCOVICH, PAUL H.....	236 W. School Lane, Germantown, Phila., Pa.	41 Bc
DOWNING, GEORGE VALENTINE, JR.....	427 Market Street, Salem, Va.	12 M
DURLING, JAMES ALGER.....	154 Main Street, Wadsworth, Ohio	53 Bn
DYER, JOHN ALLEN.....	Petersburg, W. Va.	21 Bs

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ELKINGTON, PETER WEST.....	6514 Germantown Avenue, Phila., Pa.	D
ELKINTON, THOMAS.....	2100 Pine Street, Philadelphia, Pa.	D
ENCK, JOHN JACOB.....	15 Front Street, Lititz, Pa.	2 F
ENGELHARDT, JOHN NICOL.....	100 Maple Avenue, Narberth, Pa.	D
EVANS, JOSEPH MORRIS.....	Awbury, Germantown, Philadelphia, Pa.	26 Ld.H.
EVANS, WARREN A.....	324 Brookline Boulevard, Brookline, Pa.	D

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FERRIS, SUMNER WRIGHT.....	68 Garfield Street, Watertown, Mass.	26 Ld.H.
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FUNK, ELMER HENDRICKS, JR.....	6307 Sherwood Road, Overbrook, Philadelphia, Pa.	D
FUNK, HENRY E.....	1520 Spruce St., Phila., Pa.	19 Bs

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GILBERT, J. BRYSON	6838 Woodland Avenue, Phila., Pa.	28 Bc
GILMORE, JAMES	1331 Inverness Avenue, Pittsburgh, Pa.	30 F
GILMOUR, NEIL, JR.	249 Green Avenue, Lansdowne, Pa.	69 Bn
GOERKE, EDMUND, JR.	601 Union Avenue, Elizabeth, N. J.	22 Ld.H.
GOMEZ, MANUEL J.	6106 Callowhill Street, Philadelphia, Pa.	G.H.
GOOD, ANSON BIXLER	1414 Snider Avenue, Waynesboro, Pa.	66 Bn
GOODMAN, MERRILL	4909 Wynnefield Avenue, Phila., Pa.	D
GOODMAN, THOMAS PATON	5533 University Avenue, Chicago, Ill.	44 Bc
GRALA, WILLIAM LEON, JR.	101 N. Church Street, Hazleton, Pa.	27 Ld.H.
GRANT, DAVID EVANS	984 E. Circle Drive, Milwaukee, Wis.	6 Ld.H.
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GROSS, SHELDON HARLEY	Quarters 15a, Fort Myer, Va.	55 Bn
GUTHRIE, EUGENE HARDING	15 Taylor Street, Chevy Chase, Md.	26 Bc

H

HADEN, JAMES COKE	2673 N. Park Blvd., Cleveland, Ohio	21 Ld.H.
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HALLETT, DOUGLAS ROBERTS	324 Forest Avenue, Ben Avon, Pittsburgh, Pa.	30 Bc
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HAMILTON, RICHARD TRUITT	Rosslyn Farms, Carnegie, Pa.	10 Ld.H.
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HANDY, EDWARD HAVEN, JR.	1564 Ashland Avenue, Evanston, Ill.	8 Lg.H.
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HEDGES, WILLIAM LEONARD	9 John Street, Providence, R. I.	18 Ld.H.
HEIMLICH, ERNEST MAURICE	18 Lippincott Avenue, Long Branch, N. J.	23 Ld.H.

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HERNDON, GEORGE LUCIEN.....	(Government) 1419 Buchanan Street N.W., Washington, D. C.	D
HILL, JOHN FITZ.....	(Engineering) 3415 Porter Street, N.W., Washington, D. C.	36 Ld.H.
HILL, ROBERT W.....	84 Kenilworth Avenue, Garrett Park, Md.	43 Bc
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HOUGH, JOHN TALCOTT.....	(Government) Mill Road, Falmouth, Mass.	12 Ld.H.
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HUNTER, HOLLAND.....	(Economics) 148 E. 48th Street, New York City, N. Y.	28 Bc

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LIPPINCOTT, HORACE MATHER, JR.....	(History) East Lane, Chestnut Hill, Philadelphia, Pa.	4 Ld.H.
LITTLE, ELLIS FRANK.....	(Chemistry) 65 Nunda Boulevard, Rochester, N. Y.	11 M
LLOYD, STEPHEN LLEWELLYN.....	(History) 31 Overhill Road, Scarsdale, N. Y.	19 Ld.H.
LOGAN, JOHN BRONSON.....	(Chemistry) 6001 Nevada Avenue, N.W., Washington, D. C.	19 Ld.H.
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LYNCH, HAROLD VINCENT, JR.....	7203 Cresheim Road, Mt. Airy, Philadelphia, Pa.	D

M

MACCRATE, ROBERT.....	(Government) 134 Milton Street, Brooklyn, N. Y.	25 Ld.H.
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MAGILL, DONALD ADAIR	117 Carpenter Lane, Mt. Airy, Philadelphia, Pa.	1 M
MALEY, EUGENE PAT.	1414 Regina Street, Harrisburg, Pa.	1 Ld.H.
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MOON, JOHN MARTIN	31 Penarth Road, Bala-Cynwyd, Pa.	31 Bc
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NORTON, RICHARD WILLIAM, JR.	6620 Broadway, San Antonio, Texas	12 Lg.H.
NUNEZ, VASCO EMILIO, JR.	Sunset Rock Road, Andover, Mass.	14 Ld.H.

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PETERKIN, NORMAN.....	175 Cooper Avenue, Montclair, N. J.	35 Bc
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SCHNEIDER, STEWART PORTERFIELD.....	14 Hathaway Lane, Verona, N. J.	60 Bn
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WARREN, RICHARD HARDIN	115 Claremont Street, Newton, Mass.	18 Ld.H.
WARREN, WILLIAM THOMAS, JR.	49 Thomas Avenue, Bryn Mawr, Pa.	D
WATKINS, RICHARD WALKER	1120 N. Highland Avenue, Pittsburgh, Pa.	36 Bc
WENDELL, DOUGLAS CARY, JR.	135 Poplar Avenue, Wayne, Pa.	19 Ld.H.
WERNTZ, DONALD REYNOLDS	1535 Loudon Street, Philadelphia, Pa.	5 Ld.H.
WHEELER, WILLIAM HARPER	Wayzata, Minn.	8 M
WHITALL, RICHARD	Havre de Grace, Md.	67 Bn
WHITE, ROBERT B.	655 Fern Street, Yeadon, Pa.	18 F
WHITEHEAD, JOHN CUNNINGHAM	110 Summit Avenue, Upper Montclair, N. J.	3 Ld.H.
WIDDICOMBE, STACEY HARRISON, JR.	Meadowbrook Place, Phoenixville, Pa.	8 Lg.H.
WIDNEY, CARL EDGINTON	10 Mitchell Place, New York, N. Y.	36 Ld.H.
WILKIE, JOHN BALL	Milton, N. Y.	43 Bc
WILLAR, EDGAR WILLIAM, JR.	140 Montgomery Avenue, Bala-Cynwyd, Pa.	D
WILLIAMS, HUGH R.	81 Myrtle Avenue, Wyoming, Maplewood, P. O., N. J.	D
WINGERD, DANIEL HENRY	Edgar Avenue and Riddle Road, Chambersburg, Pa.	61 Bn
WINGERD, WILLIAM NOBLE	Edgar Avenue and Riddle Road, Chambersburg, Pa.	3 Ld.H.
WOLMAN, MARKLEY GORDON	3213 N. Charles Street, Baltimore, Md.	72 Bn
WOOD, HARRY DUNSETH	6921 Oglesby Avenue, Chicago, Ill.	14 L
WOOD, HOWARD PAGE	7406 Germantown Avenue, Mt. Airy, Philadelphia, Pa.	3 F
WOODWARD, WILLIAM HOYT	Country Club Grounds, Dongan Hills, S. I., N. Y.	24 Ld.H.
WORL, JAMES HOWARD	119 N. Walnut Street, Cambridge City, Ind.	20 Ld.H.
WRIGHT, JAMES BOYER	7008 Wayne Avenue, Upper Darby, Pa.	38 Bc
WRIGHT, MARK L., JR.	1422 Wyandotte Avenue, Lakewood, Ohio	10 Ld.H.
WRIGHT, WILLIAM JENKS, JR.	140 W. Chestnut Avenue, Chestnut Hill, Phila., Pa.	G.H.

Y

YEAPLE, WHITNEY SEILER	Hillsboro, New Hampshire	108 M
YOUNG, CALVIN L.	3743 Nortonia Road, Baltimore, Md.	30 F
YOUNG, LLEWELLYN P.	1635 New Scotland Road, Slingerlands, N. Y.	23 Ld.H.

FACULTY AND OFFICERS

Name	Address (Haverford unless otherwise noted)	Telephone (Ardmore Exchange unless otherwise noted)
Asensio, Manuel J.....	2 College Lane.....	9428
Babbitt, Dr. James A.....	Tunbridge & Blakely Rds.....	7950
Benham, T. A.....	45 S. Wyoming Avenue, Ardmore, Pa.....	6044
Bernheimer, Richard M.....	225 Roberts Rd., Bryn Mawr.....	1427 W
Blanc-Roos, Rene.....	Lancaster & Garrett Ave., Rose- mont..... Bryn Mawr	0489 R
Cadbury, William Edward, Jr....	791 College Avenue.....	0203 W
Chamberlin, William Henry.....		
Clement, Charles A.....	Woodside Cottage.....	3109 J
Comfort, Howard.....	5 College Circle.....	3732
Comfort, William W.....	South Walton Road.....	0455
Dixon, Jonathan S.....	Government House.....	9613
Drake, Thomas E.....	2 Pennstone Road, Bryn Mawr, Pa..... Bryn Mawr	1534
Dunn, Emmett R.....	748 Rugby Road, Haverford.....	2662
Evans, Arlington.....	324 Boulevard, Brookline, Upper Darby P. O., Pa..... Hilltop	2043
Fetter, Frank Whitson.....	5 Canterbury Lane, St. Davids, Pa..... Wayne	2449 J
FitzGerald, Alan S.....	Warick Rd. and Cotswold Lane, Wynnewood, Pa.....	1404
Flight, John W.....	753 College Avenue.....	4409 W
Gibb, Thomas C.....	518 W. Beechtree Lane, Wayne, Pa. Wayne	1469 W
Green, Louis C.....	791 College Avenue.....	4409 J
Guiton, J. W.....	Low Building, Bryn Mawr Col- lege, Bryn Mawr, Pa.....	2909 W
Gummere, Henry V.....	B-207 Shirley Court, Upper Darby, Pa. Blvd.	1307 W
Haddleton, A. W.....	29 Tenmore Road..... Bryn Mawr	1235 W
Halter, Robert Eline.....	Government House.....	9613
Harper, Heber Reece.....	Government House.....	9613
Henry, Howard K.....	1464 Drayton Lane, Penn Wynne, Pa.....	3913 J
Hepp, Maylon H.....	Sugartown Rd., and Poplar Ave. Devan, Pa.....	0373 M
Herndon, John G.....	4 College Circle.....	0364
Hetzel, Theodore B.....	768 College Avenue.....	4393 W
Holmes, Clayton W.....	720 Millbrook Lane.....	4269 W
Johnston, Robert J.....	Woodside Cottage.....	3725
Jones, Rufus M.....	2 College Circle.....	2777
Jones, Thomas O.....	Founders Hall, East.....	6769 W
Kelly, John A.....	3 College Lane.....	4160
Lafford, Lindsay A.....	1 College Lane.....	5479 W
Lockwood, Dean P.....	6 College Circle.....	1402 J
Lunt, William E.....	5 College Lane.....	1507 W
MacIntosh, Archibald.....	3 College Circle.....	0961
Meldrum, William B.....	747 College Avenue.....	0881 J
Montgomery, George.....	6124 Columbia Ave., Overbrook, Pa. Greenwood	7811
Morley, Felix.....	1 College Circle.....	4712
Oakley, Cletus O.....	Featherbed Lane.....	3109 W

Name	Address (Haverford unless otherwise noted)	Telephone (Ardmore Exchange unless otherwise noted)
Palmer, Frederic, Jr.....	7 College Lane.....	7997 R
Pancoast, Omar, Jr.....	Government House.....	0495 W
Pfund, Harry W.....	624 Overhill Road, Ardmore.....	5532
Post, Amy L.....	C-3 Dreycott Apts.....	1643 W
Post, L. Arnold.....	9 College Lane.....	0258 M
Randall, Roy E.....	3 College Lane.....	0195 J
Rantz, J. Otto.....	2122 Chestnut Ave., Ardmore, Pa...	
Rittenhouse, Leon H.....	6 College Lane.....	5522
Sargent, Ralph M.....	510 Old Railroad Avenue.....	3339
Scaife, Mary L.....	E-4 Haverford Gables.....	5117
Snyder, Edward D.....	36 Railroad Avenue.....	0712
Spaeth, J. Duncan.....	Spring Hollow, Upper Gulph Road, Wayne, Pa....	Wayne 2244
Steere, Douglas V.....	739 College Avenue.....	0162
Stinnes, Edmund H.....	601 Walnut Lane.....	6759
Stone, Brinton Harvey.....	774 Millbrook Lane.....	5555 W
Sutton, Richard M.....	785 College Ave., facing Walton Road.....	0742 W
Swan, Alfred J.....	3 College Lane.....	1562
Taylor, Dr. Herbert W.....	457 Lancaster Avenue.....	2383
Teaf, Howard Morris, Jr.....	207 W. Plumstead Ave., Lansdowne, Pa.....	Madison 4297 J
Vaux, George.....	Gulph Road, Bryn Mawr, Pa...Bryn Mawr	4517
Watson, Frank D.....	773 College Avenue.....	2937
Williamson, Alexander Jardine...	4 College Lane.....	4023
Wills, William Mintzer.....	B-201 Merion Gardens Apt., Merion, Pa.....	Merion 4760
Wilson, Albert H.....	765 College Avenue.....	1853



COLLEGE OFFICE AND BUILDING TELEPHONES

Administrative Secretary, Mary L. Scaife	0540
Alumni Office, Acting Secretary, Heber R. Harper	4338
Barclay Hall, North	9506
Barclay Hall, South	9508
Barclay Hall, Center	9459
Business Office, W. M. Wills, Comptroller	0221
Dean's Office, Acting Dean, Archibald MacIntosh	1441
Dean's Office, Assistant Dean, Brinton H. Stone	1441
Director of Admissions, Archibald MacIntosh	1441
Founders Hall, East	9460
Founders Hall, Dormitory	9533
Founders Hall, Kitchen	9544
Government House, Omar Pancoast, Jr., Director	9613
Gymnasium	9512
Haverford News	3793
Haverford Review, H. R. Harper, Editor	4338
Hilles Laboratory of Applied Science (Engineering)	1670
Language House, Manuel J. Asensio, Director	9428
Library	0767
Lloyd Hall, Rooms 5-12	9520
Lloyd Hall, Rooms 13-22	9514
Lloyd Hall, Rooms 23-38	9628
Lyman Beecher Hall Chemistry Laboratory	0387
Merion Hall	9458
Merion Hall Annex	9458
Morris Infirmary	0763
President, Felix Morley	0540
Power House	9540
Registrar, W. M. Wills	0221
Research Laboratory, Alan S. FitzGerald, Director	5092
Sharpless Hall (Physics and Biology)	0950
Skating Pond	9561
Steward, Charles A. Clement	2942
Strawbridge Memorial Observatory	4796
Superintendent of Operation, R. J. Johnston	2942
Vice President, Archibald MacIntosh	1441

GENERAL ALUMNI ASSOCIATION OF
HAVERFORD COLLEGE

President

W. NELSON WEST, 3rd, '24
Stock Exchange Bldg., Phila., Pa.

Vice-Presidents

THEODORE WHITTELSEY, JR., '28
235 Mill Road, Upper Darby, Pa.

CLINTON P. KNIGHT, JR., '16
146 Westminster St., Providence, R. I.

JOHN R. HOOPES, '21
5500 Moorland Lane, Edgemoor, Bethesda, Md.

Acting Secretary

HEBER R. HARPER, '42
Haverford College, Haverford, Pa.

Treasurer

JOHN C. LOBER, '27
Packard Bldg., Philadelphia, Pa.

Haverford Club of Philadelphia

1607 Moravian St., Philadelphia, Pa.

President.....PAUL VAN REED MILLER, '09
Vice-President.....E. ROLAND SNADER, JR., M.D., '17
Secretary.....WALTER C. BAKER, '32
Treasurer.....ARTHUR S. ROBERTS, '32

New York Haverford Society

President.....DR. HERBERT K. ENSWORTH, '29
140 E. 54th St., New York, N. Y.
Vice-President.....JOHN R. SARGENT, '33
201 Swissvale Ave., Edgewood, Pittsburgh, Pa.
Secretary.....R. WILFRED KELSEY, '33
60 East 42nd St., New York, N. Y.
Treasurer.....ROBERT C. THOMSON, JR., '33
70 Pine St., New York, N. Y.

Haverford Society of Maryland

President.....	FRANKLIN O. CURTIS, '26 4412 Norwood Rd., Baltimore, Md.
1st Vice-President.....	JOSEPH M. BEATTY, JR., '13 308 Thornhill Rd., Baltimore, Md.
2nd Vice-President.....	ALAN S. YOUNG, '11 3743 Nortonia Rd., Baltimore, Md.
Secretary.....	WILLIAM W. SAUNDERS, '27 4303 Kathland Ave., Baltimore, Md.
Treasurer.....	LOUIS B. KOHN, II, '38 3415 Clarks Lane, Baltimore, Md.

Haverford Society of Washington

President.....	CHARLES R. THOMPSON, '27 3566 Albemarle St., N. W., Washington, D. C.
Vice-President.....	ALLAN B. FAY, '27 3 Ardmore Circle, Friendship Sta., D. C.
Secretary-Treasurer.....	LEWIS H. BOWEN, '34 2234 N. Vernon St., Arlington, Va.

Pittsburgh Alumni Association of Haverford College

President.....	GIFFORD K. WRIGHT, '93 First National Bank Building, Pittsburgh, Pa.
Secretary.....	WILLARD E. MEAD, '26 5800 Walnut St., Pittsburgh, Pa.
Treasurer.....	JAMES M. HOUSTON, '31 1639 Beechwood Blvd., Pittsburgh, Pa.

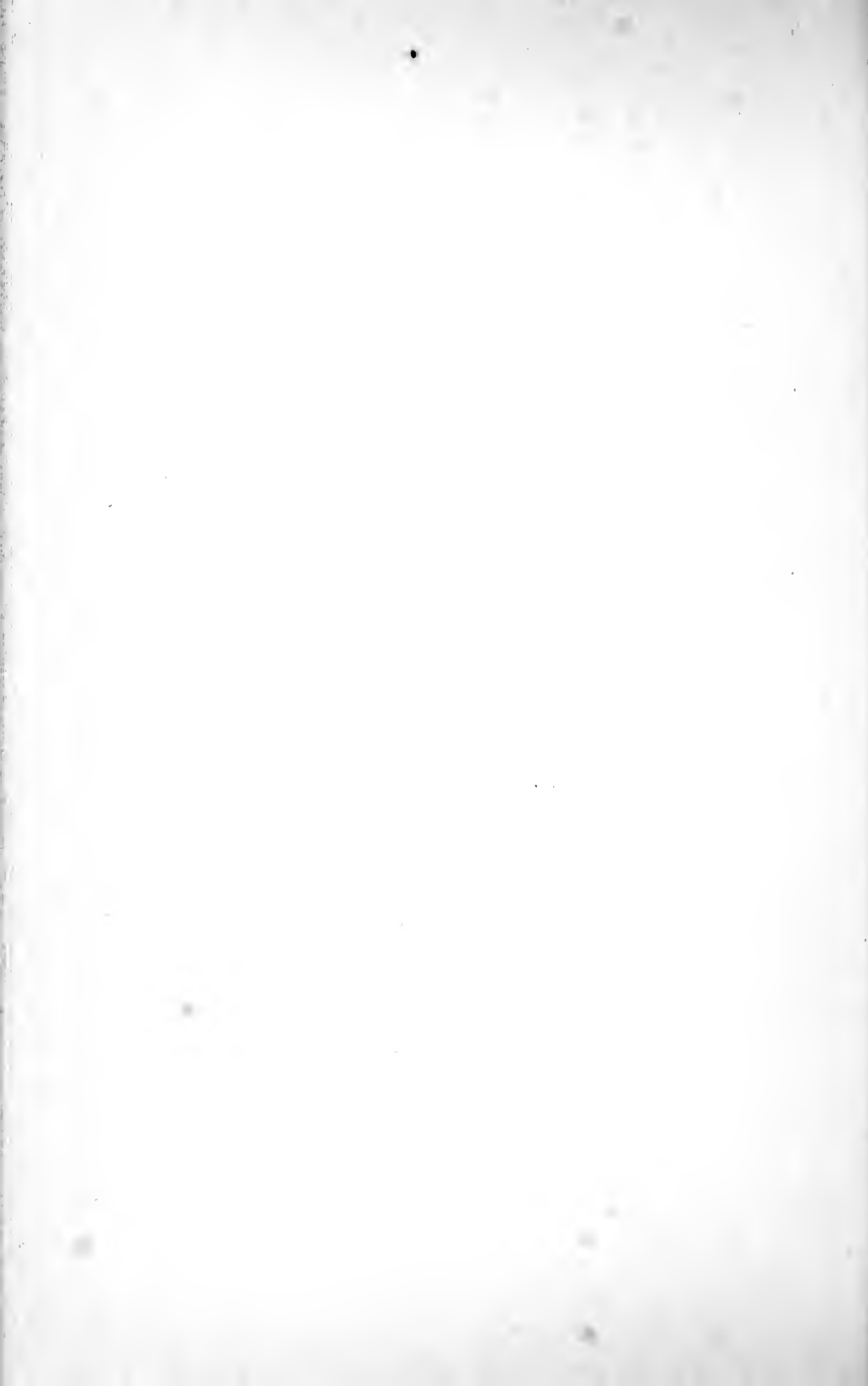
Haverford Society of New England

President.....	FRANK M. ESHLEMAN, '00 40 Broad St., Room 600, Boston, Mass.
Vice-President.....	WALTER S. HINCHMAN, '00 Milton, Mass.
Vice-President.....	CLINTON P. KNIGHT, JR., '16 146 Westminster St., Providence, R. I.
Vice-President.....	PAUL JONES, '05 Marble St., Whitman, Mass.
Treasurer.....	WESTON HOWLAND, '17 144 Randolph Ave., Milton, Mass.
Secretary.....	RICHARD W. JANNEY, '22 22 Dwhinda Rd., Waban, Mass.

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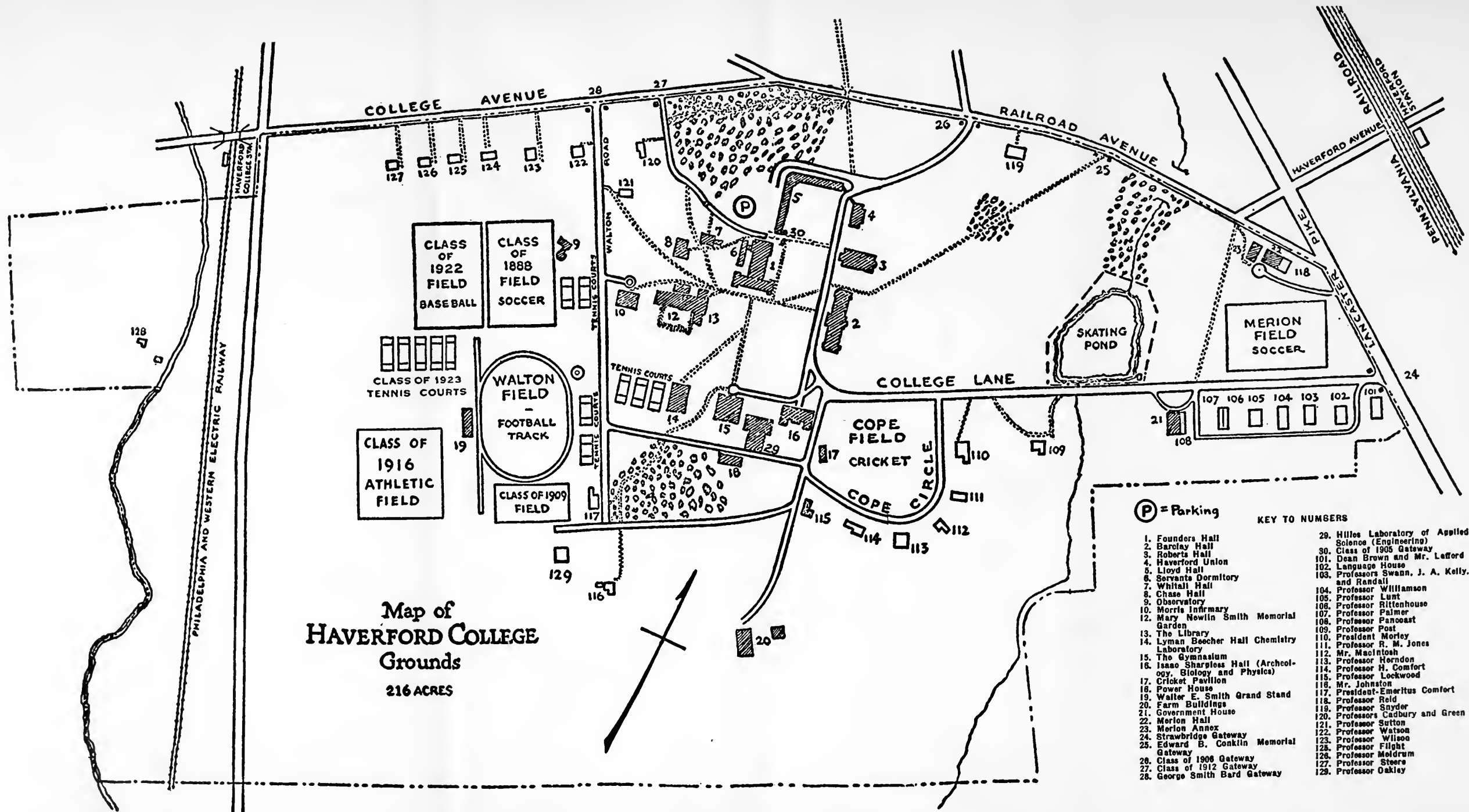
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HAVERFORD

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HAVERFORD, PA.

BULLETIN

REPORT OF THE TREASURER OF THE CORPORATION

1941-1942

(President's Report issued separately
and cataloged separately)



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Twelfth Month · 1942

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THE CORPORATION OF
HAVERFORD
COLLEGE

1941 - 42

Report of
TREASURER OF THE CORPORATION

For the Year Ending Eighth Month 31, 1942



HAVERFORD · PENNSYLVANIA



CORPORATION OF HAVERFORD COLLEGE OFFICERS

MORRIS E. LEEDS, *President*.....4901 Stenton Ave., Germantown, Phila.
 FELIX M. MORLEY, *President of the College*.....Haverford, Pa.
 J. HENRY SCATTERGOOD, *Treasurer*.....1616 Walnut St., Phila.
 JOHN FLAGG GUMMERE, *Secretary*.....W. School Lane and Fox Ave., Phila.

MEMBERS OF THE STANDING NOMINATING COMMITTEE OF THE CORPORATION

Term Expires 1943

M. ALBERT LINTON.....46th & Market Sts., Phila.
 JAMES P. MAGILL.....225 South 15th St., Phila.
 J. RUSSELL ELKINTON.....789 Howard Avenue, New Haven, Conn.

Term Expires 1944

STANLEY R. YARNALL.....5337 Knox St., Germantown, Phila.
 THOMAS SHIPLEY BROWN.....Westtown, Pa.
 C. REED CARY.....Ellet Lane & Wissahickon Ave., Mt. Airy, Phila.

Term Expires 1945

WILLIAM W. COMFORT.....Haverford, Pa.
 LOVETT DEWEES.....Sweetwater Farm, Glen Mills, Pa.
 THEODORE B. HETZEL.....768 College Avenue, Haverford, Pa.

BOARD OF MANAGERS

1942 - 1943

Ex-officio as Officers of Corporation

MORRIS E. LEEDS, *President*.....4901 Stenton Ave., Phila.
J. HENRY SCATTERGOOD, *Treasurer*.....1616 Walnut Street, Phila.
JOHN FLAGG GUMMERE, *Secretary*.....W. School Lane and Fox Ave., Phila.

Term Expires 1943

FREDERIC H. STRAWBRIDGE.....801 Market St., Phila.
JONATHAN M. STEERE.....1318 Girard Trust Bldg., Phila.
L. HOLLINGSWORTH WOOD.....103 Park Ave., New York, N.Y.
STANLEY R. YARNALL.....5337 Knox St., Germantown, Phila.
WILLIAM WISTAR COMFORT.....Haverford, Pa.
DR. HENRY M. THOMAS, JR.....1201 N. Calvert St., Baltimore, Md.
ALEXANDER C. WOOD, JR.....511 Chestnut St., Phila.
HAROLD EVANS.....1000 Provident Trust Bldg., Phila.

Term Expires 1944

J. STOGDELL STOKES.....Stokes and Smith Co., Summerdale, Phila.
M. ALBERT LINTON.....46th and Market Sts., Phila.
FRANCIS R. TAYLOR.....910 Girard Trust Bldg., Phila.
EDWARD WOOLMAN.....Haverford, Pa.
THOMAS W. ELKINTON.....121 So. 3rd St., Phila.
DR. S. EMLIN STOKES.....Moorestown, N.J.
HENRY CARTER EVANS.....635 Manatawna Ave., Roxboro, Phila.
WILLIAM M. MAIER.....Bailey Building, Phila.

Term Expires 1945

CHARLES J. RHOADS.....Ithan Road, Bryn Mawr, Pa.
*EDWARD W. EVANS.....304 Arch St., Phila.
WILLIAM A. BATTEY.....Liberty Trust Building, Phila.
DR. FREDERIC C. SHARPLESS.....Rosemont, Pa.
JOHN A. SILVER.....Olney P.O., Phila.
ALFRED BUSSELLE.....347 Madison Ave., New York, N. Y.
WALTER C. JANNEY.....1529 Walnut Street, Phila.
WILLIAM B. BELL.....Rockefeller Plaza, New York, N. Y.

Alumni Representatives

ULRIC J. MENGERT, Term expires 1943.....Morris Building, Phila.
JOHN K. GARRIGUES, Term expires 1944.....1102 Westover Road,
Westover Hills, Wilmington, Del.
PAUL VAN REED MILLER, Term expires 1945.....Girard Trust Bldg., Phila.
OWEN B. RHOADS, Term expires 1945.....Packard Bldg., Phila.

Faculty Representatives

WILLIAM B. MELDRUM, Term expires 1943
CLETUS O. OAKLEY, Term expires 1944

Chairman of Board
MORRIS E. LEEDS

Secretary of Board
EDWARD W. EVANS

*Formerly Secretary of Corporation and Ex-officio member of the Board.
Elected a member of the Board at meeting of Eleventh Month 20, 1942 to take
the place of Arthur H. Thomas, dec'd.

STANDING COMMITTEES OF THE BOARD OF MANAGERS OF THE CORPORATION OF HAVERFORD COLLEGE

1942-1943

Executive Committee

J. STOGDELL STOKES, *Chairman*
J. HENRY SCATTERGOOD
JONATHAN M. STEERE
ALEXANDER C. WOOD, JR.
DR. FREDERIC C. SHARPLESS

WALTER C. JANNEY
ULRIC J. MENGERT
DR. S. EMLIN STOKES
THOMAS W. ELKINTON
PAUL V. R. MILLER

HAVERFORD COLLEGE

Committee on Finance and Investments

JONATHAN M. STEERE, *Chairman*
J. HENRY SCATTERGOOD
ALEXANDER C. WOOD, JR.

DR. S. EMLIN STOKES
M. ALBERT LINTON
JOHN K. GARRIGUES

WILLIAM B. BELL

Committee on Audit and Accounts

WILLIAM A. BATTEY, *Chairman*
FRANCIS R. TAYLOR

WILLIAM M. MAIER
ULRIC J. MENGERT

HAROLD EVANS

Committee on College Property and Farm

HENRY C. EVANS, *Chairman*
FREDERIC H. STRAWBRIDGE
THOMAS W. ELKINTON
WILLIAM A. BATTEY

EDWARD WOOLMAN
ALFRED BUSSELLE
WILLIAM M. MAIER
OWEN B. RHODS

JOHN A. SILVER

Committee on Honorary Degrees

WILLIAM W. COMFORT, *Chairman*
L. HOLLINGSWORTH WOOD
DR. HENRY M. THOMAS, JR.

STANLEY R. YARNALL
FRANCIS R. TAYLOR
M. ALBERT LINTON

OFFICERS OF ADMINISTRATION

FELIX M. MORLEY

A.B., Haverford College; B.A., Oxford University; Ph.D., Brookings Institution; L.L.D., Hamilton College and University of Pennsylvania; Litt.D., George Washington University
President

ARCHIBALD MACINTOSH

A.B., Haverford College; M.A., Columbia University
Vice President, Acting Dean, and Director of Admissions

WILLIAM MINTZER WILLS

A.B., A.M., Haverford College
Comptroller and Registrar

DEAN PUTNAM LOCKWOOD

A.B., A.M., and Ph.D., Harvard University
Librarian

ROBERT J. JOHNSTON

Superintendent

HERBERT WILLIAM TAYLOR

A.B., Haverford College; M.D., University of Pennsylvania
Physician in Charge

MANUEL J. ASENSIO

B.A., University of Granada, Spain
Pericial de Aduanas, Academia Oficial de Aduanas, Madrid
Resident Director of the Language House

OMAR PANCOAST, JR.

B.S., Johns Hopkins University; Ph.D., Columbia University; C.L.U.
American College of Life Underwriters

Resident Director of the Government House

LOUIS C. GREEN

A.B., A.M., and Ph.D., Princeton University
Director of the Strawbridge Memorial Observatory

THOMAS EDWARD DRAKE

A.B., Stanford University; M.A., University of Michigan; Ph.D., Yale University
Curator of the Quaker Collection

RALPH M. SARGENT

A.B., Carleton College; Ph.D., Yale University
Curator of the Gummere-Morley Memorial Room

BRINTON H. STONE

A.B., Johns Hopkins University; M.A., Columbia University
Assistant Dean

HAVERFORD COLLEGE

THOMAS C. GIBB

A.B., *Dickinson College*; A.M., *Haverford College*
Assistant Dean

AMY L. POST

A.B., *Earlham College*
Assistant Librarian

MABEL S. BEARD

R.N., *Lankenau Hospital*
Resident Nurse

HEBER R. HARPER

S.B., *Haverford College*
Administrative Assistant

MARY L. SCAIFE

Administrative Secretary

Note—For list of Faculty, see Catalogue 1942-1943.

HAVERFORD COLLEGE

SUMMARY OF THE ACCOUNT OF

J. HENRY SCATTERGOOD, Treasurer of

THE CORPORATION OF HAVERFORD COLLEGE

For the Year Ending Eighth Month 31, 1942

RECEIPTS

Income From Funds For General Purposes

General Endowment Fund.....	\$ 4,738.34	
John Farnum Memorial Fund.....	1,363.06	
John M. Whitall Fund.....	518.15	
David Scull Fund.....	2,181.98	
Edward L. Scull Fund.....	553.42	
Wistar Morris Memorial Fund.....	250.51	
Israel Franklin Whitall Fund.....	525.06	
Jacob P. Jones Endowment Fund.....	63,373.97	
John Farnum Brown Fund.....	13,435.68	
Ellen Waln Fund.....	541.38	
Clementine Cope Endowment Fund.....	1,046.69	
Nathan Branson Hill Fund.....	141.93	
Joseph E. Gillingham Fund.....	2,064.52	
Henry Norris Fund.....	286.64	
Elizabeth H. Farnum Fund.....	336.08	
James R. Magee Fund.....	2,250.98	
Albert K. Smiley Fund.....	73.05	
Hinchman Astronomical Fund.....	1,924.31	
W. D. & E. M. L. Scull Fund.....	8,500.68	
Albin Garrett Memorial Fund.....	1,303.69	
Arnold Chase Scattergood Memorial Fund.....	1,187.33	
Francis B. Gummere Memorial Fund.....	6,114.94	
Isaac Sharpless Memorial Fund.....	10,651.57	
General Education Board Fund.....	6,139.65	
Centenary Fund.....	11.68	
William Penn Foundation.....	4,970.45	
Walter Carroll Brinton Memorial Fund.....	687.89	
Corporation Fund.....	3,896.30	
Elizabeth J. Shortridge Fund.....	486.98	
Howard Comfort Memorial Fund.....	244.82	
Emma Ridgway Comly Fund.....	2,434.28	
Ellen W. Longstreth Fund.....	5,098.63	
Albert L. Baily Fund.....	243.49	
Elizabeth B. Wistar Warner Fund.....	241.05	
T. Allen Hilles Bequest.....	13,672.57	
Leonard L. Greif & Roger L. Greif Fund.....	48.70	
Edward M. Wistar Fund.....	121.74	
Morris E. Leeds Fund.....	1,992.73	
J. Henry Scattergood Fund.....	68.49	
		163,723.41

HAVERFORD COLLEGE

Forward.....		\$ 163,723.41
<u>Income From Fund For T. Wistar Brown</u> <u>Graduate School</u>		
Moses Brown Fund.....		17,070.64
<u>Income From Funds For Morris Infirmary</u>		
Infirmary Endowment Fund.....	470.10	
John W. Pinkham Fund.....	<u>246.39</u>	716.49
<u>Income From Fund For Haverford Union</u>		
Haverford Union Fund.....		91.49
<u>Income From Funds For Scholarships</u>		
Thomas P. Cope Fund.....	256.04	
Edward Yarnall Fund.....	295.56	
Isaiah V. Williamson Fund.....	965.06	
Richard T. Jones Scholarship Fund.....	246.23	
Mary M. Johnson Scholarship Fund.....	341.55	
Sarah Marshall Scholarship Fund.....	385.67	
Clementine Cope Fellowship Fund.....	1,112.54	
Isaac Thorne Johnson Scholarship Fund.....	386.58	
Caspar Wistar Memorial Fund.....	143.72	
J. Kennedy Moorhouse Scholarship Fund.....	251.08	
Louis Jaquette Palmer Scholarship Fund.....	243.49	
Paul W. Newhall Scholarship Fund.....	245.71	
Robert Martin Zuckert Memorial Scholarship Fund.....	690.29	
Samuel E. Hilles Scholarship Fund.....	244.33	
Class of 1913 Scholarship Fund.....	146.09	
Class of 1917 Scholarship Fund.....	<u>16.63</u>	5,970.57
<u>Income From Funds For Library</u>		
Alumni Library Fund.....	849.05	
Mary Farnum Brown Library Fund.....	3,193.90	
William H. Jenks Library Fund.....	243.49	
Mary Wistar Brown Williams Library Fund.....	988.89	
Anna Yarnall Fund.....	8,353.01	
F. B. Gummere Library Fund.....	30.95	
Edmund Morris Fergusson, Jr. Memorial Fund.....	48.81	
Class of 1888 Library Fund.....	280.04	
Class of 1918 Library Fund.....	<u>61.04</u>	14,049.18
<u>Income From Funds For Old Style Pensions</u>		
President Sharpless Fund.....	2,008.15	
William P. Henszey Fund.....	1,790.06	
Jacob P. Jones Benefit Fund.....	3,316.98	
Pliny Earle Chase Memorial Fund.....	159.35	
Haverford College Pension Fund.....	<u>5,456.12</u>	12,730.66
Forward.....		214,352.44

HAVERFORD COLLEGE

Forward..... \$ 214,352.44

Income From Funds For Special Purposes

Thomas Shipley Fund.....	255.57	
Elliston P. Morris Fund.....	54.87	
John B. Garrett Reading Prize Fund.....	110.65	
Special Endowment Fund.....	449.34	
Scholarship Improvement Prize Fund.....	111.85	
Elizabeth P. Smith Fund.....	84.93	
S. P. Lippincott History Prize Fund.....	124.03	
Francis Stokes Fund.....	249.35	
George Peirce Prize Fund.....	99.85	
Lyman Beecher Hall Prize Fund.....	104.94	
Newton Prize Fund.....	68.07	
Edward B. Conklin Athletic Fund.....	116.87	
Arboretum Fund.....	223.41	
William Ellis Scull Prize Fund.....	97.40	
Paul D. I. Maier Fund.....	48.70	
Strawbridge Observatory Maintenance Fund.....	186.98	
Jacob and Eugenie Bucky Memorial Foundation.....	<u>12.67</u>	<u>2,399.48</u>

Income From The Funds For The College..... 216,751.92

Income From Special Trust

Augustus Taber Murray Research Scholarship Fund..... 995.54

Total Income From All Funds..... 217,747.46

Income From College Sources

Tuition - cash.....	127,963.50	
Tuition Scholarships Donated.....	2,057.50	
Tuition Scholarships From Funds.....	<u>15,205.00</u>	145,226.00
Board - cash.....	81,873.64	
Room Rents - cash.....	48,336.00	
Re-examination Fees.....	779.03	
Miscellaneous Fees.....	767.99	
Board of Professors.....	2,121.25	
Rentals.....	13,412.75	
Infirmary.....	621.92	
Library.....	335.79	
Biological Laboratory.....	1,201.31	
Chemical Laboratory.....	5,082.81	
Physics Laboratory.....	1,800.81	
Engineering Laboratory.....	2,517.64	
Music Department.....	72.50	
Observatory.....	194.68	
Mathematics Department.....	<u>105.00</u>	<u>304,449.12</u>

Summer Term - 1942

Tuition - cash.....	22,470.00	
Tuition Scholarships Donated.....	<u>2,443.50</u>	24,913.50
Board.....		15,711.20
Rooms.....		7,154.63
Donations for Faculty Salaries.....		<u>600.00</u>
		<u>48,379.33</u>

Forward..... 570,575.91

HAVERFORD COLLEGE

Forward..... \$ 570,575.91

Donations other than for Funds

For Prizes

Class of 1902 Latin Prize.....	10.00	
Logan Pearsall Smith Prize.....	50.00	
Mathematics Department Prize.....	<u>25.00</u>	85.00

For Library

Matzke Royalties.....	33.02	
Chemistry books - Class of 1932.....	50.00	
Greek books - Professor Post.....	30.00	
Quakeriana.....	36.00	
Binding Professor Jones' Quaker Library.....	295.00	
Microfilm Reader of Quaker Records.....	<u>500.00</u>	944.02
For Music and Art from Carnegie Corporation....	8,000.00	
Music - other donations.....	<u>42.52</u>	8,042.52

For Scholarships

New England Alumni.....	300.00	
New York Alumni.....	150.00	
Isaac Sharpless Scholarships from Alumni Association.....	1,000.00	
For a Student.....	47.50	
Class of 1917.....	250.00	
Two Gifts for Summer Term.....	<u>2,443.50</u>	4,191.00

For Athletic Field - Class of 1922.....	70.00	
For Campus Club.....	1,067.25	
For Bird Sanctuary.....	46.00	
Care of Cope Field.....	45.00	
For Resurfacing Road - Barclay Hall to Railroad Avenue.....	3,789.82	
For Roberts Hall Electrical Improvements.....	450.00	
For Engineering Equipment in Hilles Laboratory.....	250.00	
For Chemical Laboratory - New Lecture Room.....	429.00	
For Gummere-Morley Room in New Library.....	1,550.00	
For Furnishing Government House (#8 College Lane) - National Foundation for Education.....	300.00	
For Haverford, Bryn Mawr & Swarthmore Joint Programs - National Foundation for Education.....	300.00	
For Collection Speakers.....	15.00	
For Salaries.....	400.00	
For Salaries for Summer Term.....	<u>600.00</u>	1,000.00
For General Purposes.....	600.00	
For Purposes not yet designated.....	500.00	
For Beth Shemish Exploration Fund.....	375.00	
For Field House (Invested in Defense Bonds).....	261.50	
Radio Club - interest received.....	<u>63.36</u>	

Forward..... 24,374.47 570,575.91

HAVERFORD COLLEGE

Forward..... \$ 24,374.47 \$ 570,575.91

Donations other than for Funds (continued)

Bucky Foundation Gift for Special Purposes.....	2,000.00	
For New Stacks Addition to Library.....	9,299.11	
(Total Donations to date - \$123,507.50)		
For Setting of George Fox Portrait in Quakeriana		
Section of Library.....	100.00	
Triangle Society Gift, as realized to date,		
to be spent for special purposes.....	7,257.25	
(Also donated in kind, 700 shares		
additional of stock not yet sold).....		43,030.83

Additions to Funds

J. Henry Scattergood Fund (new) - donated.....	1,660.00	
Moses Brown Fund - Income transferred.....	1,707.06	
Isaac Thorne Johnson Scholarship Fund -		
Income transferred.....	86.58	
Robert Martin Zuckert Memorial Scholarship		
Fund - donated.....	2,000.00	
Class of 1917 Scholarship Fund (new) - donated.....	2,000.00	
Mary Fernum Brown Library Fund - Income transferred....	847.55	
John B. Garrett Reading Prize Fund - Income		
transferred.....	1,000.00	
Elizabeth P. Smith Fund - Income transferred.....	700.00	
George Peirce Prize Fund - Income transferred.....	74.85	
Jacob and Eugenie Bucky Memorial Foundation -		
donated.....	2,000.00	
Jacob and Eugenie Bucky Memorial Foundation -		
Income transferred.....	12.67	12,088.71

Miscellaneous Receipts *

Proceeds from Skating Pond.....	347.99	
Fire Insurance gain over costs.....	62.06	
Student Reimbursement Insurance.....	1,573.00	
Student Activities Account.....	3,485.00	
Old Bills Collected.....	703.71	6,171.76

Items Relating to Other Fiscal Years

Reserve for 4000 Volt System applied.....	1,114.38	
Room Rents 1942-43 received in advance.....	4,170.00	
Salaries 1941-42 paid in advance applied.....	1,000.00	
Coal for 1941-42 bought in advance applied.....	4,423.90	
Haverford Service Project Deficit - Donation		
applied.....	15.00	
Reserve for #2 College Lane Alterations applied.....	511.87	
Reserve for Kitchen Alterations applied.....	2,501.03	
Prepaid Insurance 1941-42 applied.....	1,912.84	15,649.02

Forward..... 647,516.23

*Note: The United States Office of Education has conducted Engineering, Science and Management Defense Training at the College to an amount of \$8,162.75 during the year. This is not included in the accounts of the College.

HAVERFORD COLLEGE

Forward..... \$ 647,516.23

Investments Realized

Consolidated Investments Account

Bonds - Industrial	10,250.00		
Public Utility	74,076.62		
Railroad	<u>148,842.81</u>	233,169.43	
Preferred Stocks -			
Industrial	25,523.00		
Public Utility	10,216.39		
Railroad	<u>5,808.87</u>	41,548.26	
Common Stocks -			
Public Utility	7,997.44		
Railroad	1,007.36		
Miscellaneous	<u>399.00</u>	9,403.80	
Mortgages -			
Received on a/c	36,156.00		
Foreclosed	<u>81,680.00</u>	117,836.00	
Real Estate -			
Sold	4,980.05		
Sundry receipts	<u>3,742.51</u>	8,722.56	
Miscellaneous - Received in advance for house on campus		<u>663.02</u>	411,343.07
John Farnum Memorial Fund			160.00
Nathan Branson Hill Fund (First Bank & Trust Co. of Minneapolis) - (Entered short) \$416.15			
Elizabeth H. Farnum Fund (Provident Trust Co. Trustee) (Entered short) \$3,427.34			
Ellen W. Longstreth Agency a/c		47.14	
Ellen W. Longstreth Fund - Mary Pearsall et al Agency a/c		1,369.15	
Anna Yarnall Agency a/c		<u>499.78</u>	413,419.14
<u>Money Borrowed Temporarily</u>			20,000.00
<u>Balances 9th Month 1, 1941</u>			
In Treasurer's Account	34,909.43		
In President's Account	<u>25,586.88</u>		<u>60,496.31</u>
			<u>\$ 1,141,431.68</u>

HAVERFORD COLLEGE

EXPENDITURES

1941 - 1942

Expenses of Running the College

Salaries - Instruction & Executive.....	\$205,725.00	
Salaries - Library Staff.....	<u>13,198.00</u>	218,923.00
Pension Contributions.....		7,244.18
Wages - Administrative & General.....	21,290.43	
Wages - Power Plant.....	4,773.05	
Wages - Residence Halls.....	17,829.30	
Wages - Dining Room & Kitchen.....	<u>11,480.54</u>	55,373.32
Provisions.....		41,671.94
Family Expenses & Furniture.....		6,520.02
Educational Miscellaneous.....		3,667.97
Fuel & Light.....		20,741.89
Water.....		2,564.93
Lawn & Garden.....		7,795.09
Infirmery.....		3,011.05
Haverford Union.....		5.45
Library.....		2,201.24
Biological Laboratory.....		797.36
Chemical Laboratory.....		5,054.69
Physics Laboratory.....		906.28
Engineering Laboratory.....		2,401.52
Music Department.....		101.92
Observatory.....		189.96
Mathematics Department.....		6.90
Haverford Service Project.....		92.46
Gymnasium and Athletics.....		11,424.06
Printing and Advertising.....		2,377.34
Haverford Review.....		1,717.31
Entertainment Expense.....		885.39
Repairs and Improvements -		
General.....	22,660.83	
Chemical Laboratory - New Lecture		
Room (above donations).....	1,472.93	
Roberts Hall Electrical Equipment		
(above donations).....	<u>694.29</u>	24,828.05
Interest.....		6,293.85
Taxes.....		1,750.11
Insurance.....		4,552.63
Secretary and Treasurer's Expense....	3,210.14	
Auditing Expense.....	<u>500.00</u>	3,710.14
Rent - W.D. & E.M.L. Scull Fund.....	340.00	
Rent - Moses Brown Fund.....	2,400.00	
Rent - College Circle #1.....	1,200.00	
Rent - College Lane #2.....	<u>1,200.00</u>	<u>5,140.00</u>
Regular Expenses of Running the College.....		441,950.05
Add:-		
Interest on Stork Art Gift Fund.....	1,097.00	
(beyond dividends received)		
Final one-fifth cost of 4000 Volt System.....	<u>1,114.38</u>	
Forward.....	2,211.38	441,950.05

HAVERFORD COLLEGE

Forward..... \$ 2,211.38 \$ 441,950.05

Add - (continued)

First one-sixth cost of improvements		
#2 College Lane.....	511.87	
First one-sixth cost of Kitchen &		
Dining Room Alterations.....	2,501.03	
Annuity.....	1,600.00	
Old Style Pensions.....	<u>27,727.00</u>	<u>34,551.28</u>
 Total Expenses of Running the College.....		 476,501.33

Summer Term - 1942 (to date)

All bills not yet in and final figures carried over in Fiscal Year 1942-1943		
Salaries of Faculty (to date).....	3,671.20	
Wages - Administrative & General.....	150.00	
Wages - Power Plant.....	680.25	
Wages - Residence Halls.....	1,514.30	
Wages - Dining Room & Kitchen.....	<u>2,094.40</u>	4,438.95
Provisions.....	5,306.43	
Family Expenses & Furniture.....	519.34	
Educational Miscellaneous.....	137.77	
Fuel and Light.....	1,415.05	
Lawn & Garden.....	75.00	
Infirmary.....	264.48	
Gymnasium and Athletics.....	552.14	
Printing and Advertising.....	80.75	
Repairs and Improvements - Boilers.....	558.00	
Screens.....	1,034.43	
General.....	<u>98.73</u>	<u>1,691.16</u>
		18,152.27

Expenditures from Income of Funds for
Scholarships and Fellowships

General Endowment Fund.....	800.00	
Jacob P. Jones Endowment Fund.....	6,920.00	
Joseph E. Gillingham Fund.....	800.00	
Moses Brown Fund -		
At Pendel Hill.....	700.00	
At Haverford.....	<u>3,205.00</u>	3,905.00
Thomas P. Cope Fund.....	165.00	
Isaiah V. Williamson Fund.....	740.00	
Richard T. Jones Scholarship Fund.....	225.00	
Mary M. Johnson Scholarship Fund.....	275.00	
Sarah Marshall Scholarship Fund.....	275.00	
Clementine Cope Fellowship Fund -		
Edward L. Engelhardt at University		
of Wisconsin.....	700.00	
Isaac Thorne Johnson Scholarship Fund.....	300.00	
J. Kennedy Moorhouse Scholarship Fund.....	250.00	
Louis Jaquette Palmer Scholarship Fund.....	200.00	
Paul W. Newhall Memorial Scholarship Fund...	250.00	
Robert Martin Zuckert Memorial Scholarship		
Fund.....	525.00	
Samuel E. Hilles Scholarship Fund.....	175.00	
Class of 1913 Scholarship Fund.....	<u>100.00</u>	<u>16,605.00</u>
 Forward.....	16,605.00	494,653.60

HAVERFORD COLLEGE

Forward..... \$ 16,605.00 \$ 494,653.60

Expenditures from Income of Special Trust

Augustus Taber Murray Research
Scholarship Fund - Annuity..... 980.00

Expenditures from Income of Funds for Library

W.D. & E.M.L. Scull Fund.....	371.52	
Ellen W. Longstreth Fund - Quakeriana.....	300.00	
Mary Farnum Brown Library Fund -		
Books - General.....	1,730.84	
Books - Christian Knowledge.....	431.01	
Library Lecture.....	184.50	2,346.35
William H. Jenks Library Fund - Books.....	202.71	
Mary Wistar Brown Williams		
Library Fund - Books.....	416.87	
Anna Yarnall Fund - Books.....	1,889.56	
F. B. Gummere Library Fund - Books.....	30.04	
Edmund Morris Fergusson, Jr. Memorial		
Fund - Books.....	94.02	
Class of 1888 Library Fund.....	473.65	
Class of 1918 Library Fund.....	77.45	6,202.17

Expenditures from Income of Special Funds

John Farnum Brown Fund - Prizes.....	25.00	
T. Allen Hilles Bequest - (above donations		
New roof - Engineering rec'd. \$250.)		
Laboratory.....	732.00	
Equipment - Engineering		
Laboratory.....	1,754.47	2,486.47
J. Henry Scattergood Fund - Lectures.....	100.00	
Thomas Shipley Fund - Lectures.....	144.00	
Elliston P. Morris Fund -		
Prizes.....	40.00	
Books.....	79.16	119.16
Special Endowment Fund -		
Friends' Council on		
Education.....	25.00	
Religious Education Comm.	200.00	225.00
Scholarship Improvement Prize Fund.....	95.00	
Elizabeth P. Smith Fund - Prizes.....	40.00	
S. P. Lippincott History Prize Fund		
Prizes.....	100.00	
Books.....	131.16	231.16
Francis Stokes Fund - Campus		
Club Work.....	278.70	
George Peirce Prize Fund - Prizes.....	25.00	
Lyman Beecher Hall Prize Fund - Prize.....	100.00	
Newton Prize Fund		
Prizes.....	50.00	
Books.....	116.82	166.82
Arboretum Fund - Campus Club Work.....	278.71	
William Ellis Scull Prize Fund.....	50.00	
Paul D. I. Maier Fund - '96 Mathematics		
Prize.....	10.00	
Strawbridge Observatory Maintenance Fund -		
New Equipment and telephone.....	357.53	4,732.55
		28,519.72

Forward..... 523,173.32

HAVERFORD COLLEGE

Forward..... \$ 523,173.32

Paid out of Donations

For Prizes -

Class of 1902 Latin Prize.....	10.00	
Class of 1910 Poetry Prize.....	25.00	
Logan Pearsall Smith Prize.....	50.00	
Mathematics Department Prize.....	<u>25.00</u>	110.00

For Library -

Matzke Royalties for Books.....	5.45	
Greek Books from gift of Professor Post...	27.18	
Quakeriana Books.....	35.00	
Carnegie Corporation Gift for Books.....	138.89	
Dr. Arthur's Gift for Books.....	210.19	
Jensen Foundation Gift for Books.....	50.55	
Binding Professor Jones' Quaker Library...	93.65	
Cases for microfilm Quaker Records.....	<u>96.15</u>	657.06
From Carnegie Foundation Gift - Music.....	400.35	
(Also for Music Salaries \$2300.)		
From Carnegie Foundation Gift - Art.....	<u>142.85</u>	543.20

For Scholarships -

New England Alumni.....	300.00	
New York Alumni.....	150.00	
From Anonymous Gifts.....	347.50	
From Community Chest Gift.....	260.00	
Isaac Sharpless Scholarship from		
Alumni Association.....	1,000.00	
Summer Term Scholarships.....	<u>2,443.50</u>	4,501.00

For Campus Club.....		1,067.25
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Bird Sanctuary.....		46.00
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Care of Cope Field.....		45.00
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Resurfacing Road - Barclay Hall to		
Railroad Avenue.....		3,789.82

Roberts Hall Electric Improvements.....		592.00
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For Engineering Equipment in Hilles Laboratory.....		250.00
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For New Chemical Lecture Room.....		429.00
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For Collection Speakers.....		59.48
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For Salaries - \$4,400. (included under salaries above)		
For Salaries Summer Term.....		600.00

For Field House - \$300. Defense Bonds bought.....		222.00
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For Radio Club.....		63.00
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For Publicity - Transferred to Haverford		
Review.....		250.00

For Scientific Promotion.....		44.65
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For Haverford College Service Project.....		15.00
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From Triangle Society Gift (\$13,284.46)		
Department of Government.....		63.85

(Also appropriated for Salary \$1,250 and for Government House (see below) from this Gift)		
		13,348.31

New Construction (from Donations)

New Stacks Addition to Library.....		475.03
(Final Cost \$126,907.50)		

Library Old Stack Building made over for		
Quakeriana and Roberts Collection.....		20,536.85

(Completed - total cost \$28,198.83)		
(From Morris E. Leeds' special donation)		

Forward.....	21,011.88	536,521.63
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HAVERFORD COLLEGE

Forward..... \$ 21,011.88 \$ 536,521.63

New Construction (from Donations) (continued)

Fourth and Fifth Tiers of New Stack Building Completion and Improvements to Heating - (Final Cost \$29,826.29).....	21,820.59	
(From Morris E. Leads' Special Donation)		
Alterations to Government House (#8 College Lane) on a/c - from Triangle Society Gift.....	<u>1,526.16</u>	44,358.63

Other New Construction

Improvements to #2 College Lane (completed).....	2,563.27	
(Total cost \$3071.22 to be amortized over six years)		
Kitchen Improvements - completed.....	9,031.65	
(Total cost \$15,006.20 to be amortized over six years)		
#3 College Circle Alterations Capitalized (making cost of house \$9,616.17).....	<u>1,616.17</u>	13,211.09

Miscellaneous Expenditures

Proceeds from Skating Pond turned over to Athletic Association.....	558.94	
Student Reimbursement Insurance.....	1,573.00	
Student Activities Account.....	<u>3,265.57</u>	5,397.51

Items Relating to Other Fiscal Years

Room Rents 1941-42 received in advance applied.....	4,425.00	
Salaries for 1942-43 paid in advance.....	1,400.00	
Coal for 1942-43 bought in advance.....	2,117.63	
Insurance Prepaid.....	6,684.00	
Expenses for 1942-43 paid in advance.....	<u>1,188.31</u>	15,814.94

Investments made

Consolidated Investments Account

Bonds - Industrial.....	4,140.00		
Public Utility....	15,065.00		
Railroad.....	<u>106,215.34</u>	125,420.34	
Preferred Stocks -			
Industrial.....	25,736.83		
Public Utility....	45,913.53		
Railroad.....	<u>8,111.69</u>	79,762.05	
Common Stocks -			
Bank.....	37,418.23		
Industrial.....	40,734.33		
Public Utility....	3,805.94		
Railroad.....	<u>8,143.18</u>	90,101.68	
Mortgages.....		18,840.00	
Real Estate - Foreclosed..	81,680.00		
Charges to Principal. <u>5,733.03</u>	87,413.03	<u>401,537.10</u>	
Forward.....	401,537.10		615,303.80

HAVERFORD COLLEGE

Forward..... \$ 401,537.10 \$ 615,303.80

Investments Made (continued)

Nathan Branson Hill Fund
(First Bank & Trust Co.
of Minneapolis - entered short)
Investments made \$400.00

Elizabeth H. Farnum Fund
(Provident Trust Co., Trustee -
entered short)
Investments made \$3,441.31

Ellen W. Longstreth Agency a/c..... 90.40

Ellen W. Longstreth - Mary Pearsall
Agency a/c..... 769.06

Anna Yarnall Agency a/c..... 14.25 402,410.81

Income Transferred to Principal

Moses Brown Fund.....	1,707.06	
Isaac Thorne Johnson Scholarship Fund.....	86.58	
Mary Farnum Brown Library Fund.....	847.55	
John B. Garrett Reading Prize Fund.....	1,000.00	
Elizabeth P. Smith Fund.....	700.00	
George Peirce Prize Fund.....	74.85	
Jacob & Eugenie Bucky Memorial Foundation.....	<u>12.67</u>	4,428.71

Borrowed Money Repaid

(No money owed on loans at end of year)..... 20,000.00

Balances 8th Month 31, 1942

In Treasurer's Account.....	67,340.73	
In President's Account.....	<u>31,947.63</u>	<u>99,288.36</u>
		<u><u>1,141,431.68</u></u>

HAVERFORD COLLEGE

FINANCIAL STATEMENT

For The Year Ending 8th Month 31, 1942

Net Cash Receipts at College

As per foregoing statement.....	\$ 304,449.12
Less: Tuition provided by Scholarships	
From Funds.....	\$ 15,205.00
From Donations...	<u>2,057.50</u>
	17,262.50 \$ 287,186.62

Income from Funds and Donations

(Applicable to Operating Account after capitalizing and special purposes)	
Income from Funds.....	199,622.22
Donations for Scholarships.....	2,057.50
Donations for Salaries.....	7,950.00
Donation for General Purposes.....	600.00
Fire Insurance over costs.....	<u>62.06</u>
	<u>210,291.78</u> \$ 497,478.40

Expenses of Running the College

Regular running expenses as per foregoing statement.....	441,950.05
Add:-	
Stork Art Gift - Interest on overdraft not covered by dividends..	1,097.00
Annuity.....	1,600.00
Old Style Pensions.....	27,727.00
Final one-fifth cost of 4000 Volt System.....	1,114.38
First one-sixth cost of Alterations in Language House, #2 College Lane..	511.87
First one-sixth cost of Kitchen and Dining Room Alterations.....	<u>2,501.03</u>
	<u>34,551.28</u> <u>476,501.33</u>

Operating Gain for the Year..... \$ 20,977.07

Note: The Summer Term, 1942, is not here included and will go over into 1942-1943, because all the bills were not in and the account could not be closed at the end of the fiscal year.

HAVERFORD COLLEGE

STATEMENT OF DEBT OF THE CORPORATION

8th Month 31, 1942

Debt of the Corporation 9th Month 1, 1941			\$ 169,496.03
Decreased during the year			
By Old Bills collected.....	\$ 703.71		
By Donations for Library New			
Stack Addition deficit.....	8,924.08		
By Operating Gain 1941-42.....	<u>20,977.07</u>	30,604.86	
Increased during the year			
By charge off of deficit of			
Haverford Service Project.....	84.47		
By additional cost of house,			
#3 College Circle.....	<u>1,616.17</u>	<u>1,700.64</u>	
Net decrease of debt.....			<u>28,904.22</u>
Debt, 8th Month 31, 1942.....			\$ 140,591.81

Incurred as follows:

For accumulated deficits.....	\$ 70,613.92	
For Campus Dwellings:		
(not covered by Donations)		
#1 College Circle.....	14,689.98	
#3 College Circle.....	9,616.17	
#4 College Circle.....	10,938.46	
#5 College Circle.....	8,717.69	
Sharpless House.....	14,412.29	
Babbitt House.....	<u>8,203.41</u>	66,578.00
For New Stack Addition to Library.....		<u>3,399.89</u>
		<u>\$ 140,591.81</u>

Note: The Investment of the Funds in College Lane Real Estate and eight Dwellings remains the same, being \$201,500. in Consolidated Investments Account.

REPORT OF FUNDS

	PRINCIPAL				INCOME				
	Book Value 9/1/41	Increased	Decreased	Book Value 8/31/42	Balance 9/1/41	Net Income	Expended	Special Purposes	Balance 8/31/42
Funds for General Purposes									
General Endowment Fund.....	94,986.87		320.80	94,666.07		4,738.34	3,938.34	800.00 Scholarship	
John Farnum Memorial Fund.....	38,169.55	50.00		38,219.55		1,363.06	1,363.06		
John M. Whittall Fund.....	10,387.01		35.08	10,351.93		518.15	518.15		
David Scull Fund.....	43,740.84		147.73	43,593.11		2,181.98	2,181.98		
Edward L. Scull Fund.....	11,094.04		37.47	11,056.57		553.42	553.42		
Wistar Morris Memorial Fund.....	5,021.88		16.96	5,004.92		250.51	250.51		
Israel Franklin Whittall Fund.....	10,525.49		35.55	10,489.94		525.06	525.06		
Jacob P. Jones Endowment Fund.....	1,270,421.49		4290.62	1,266,130.87		63,373.97	56,453.97	6,920.00 Scholarship	
John Farnum Brown Memorial Fund.....	269,337.35		909.64	268,427.71		13,435.68	13,410.68	25.00 Books	
Ellen Wain Fund.....	10,852.67		36.65	10,816.02		541.38	541.38		
Clementine Cope Endowment Fund.....	20,982.43		70.86	20,911.57		1,046.69	1,046.69		
Nathan Branson Hill Fund.....	5,082.76	2.15		5,084.91		141.93	141.93		
Joseph E. Gillingham Fund.....	41,386.34		139.78	41,246.56		2,064.52	1,264.52	800.00 Scholarship	
Henry Norris Fund.....	5,746.01		19.41	5,726.60		286.64	286.64		
Elizabeth H. Farnum Fund.....	9,635.53		10.87	9,624.66		336.08	336.08		
James R. Magee Fund.....	43,119.54		145.63	42,973.91		2,250.98	2,250.98		
Albert K. Smiley Fund.....	1,464.32		4.95	1,459.37		73.05	73.05		
Hinchman Astronomical Fund.....	38,575.58		130.28	38,445.30		1,924.31	1,924.31		
W.D. & E.M.L. Scull Fund.....	170,408.30		575.53	169,832.77	275.00	8,500.68	7,789.16	340.00 Rent 371.52 Books	275.00
Albin Garrett Memorial Fund.....	26,134.24		88.26	26,045.98		1,303.69	1,303.69		
Arnold Chase Scattergood Fund.....	23,801.66		80.39	23,721.27		1,187.33	1,187.33		
Francis B. Gummere Memorial Fund.....	122,582.77		414.00	122,168.77		6,114.94	6,114.94		
Isaac Sharpless Memorial Fund.....	213,525.87		721.15	212,804.72		10,651.57	10,651.57		
General Education Fund.....	123,078.03		415.68	122,662.35		6,139.65	6,139.65		
Centenary Fund.....	234.10		.79	233.31		11.68	11.68		
William Penn Foundation.....	99,639.71		336.52	99,303.19		4,970.45	4,970.45		
Walter Carroll Brinton Memorial Fund.....	13,789.80		46.57	13,743.23		687.89	687.89		
Corporation Fund.....	78,106.92		263.79	77,843.13		3,896.30	3,896.30		
Elizabeth J. Shortridge Fund.....	9,762.15		32.97	9,729.18		486.98	486.98		
Howard Comfort Memorial Fund.....	4,907.73		16.58	4,891.15		244.82	244.82		
Emma Ridgway Comly Fund.....	48,798.52		164.81	48,633.71		2,434.28	2,434.28		
Ellen W. Longstreth Fund									
In Consolidated a/c.....	98,355.94	615.55	391.96	98,579.53		5,098.63	4,798.63	300.00 Books	
E. W. Longstreth Agency a/c.....	1,514.04	43.26		1,557.30					
Mary Pearsall Agency a/c.....	8,571.43	660.39	2,390.23	6,841.59		243.49	243.49		
Albert L. Bailly Fund.....	4,881.07		16.48	4,864.59		241.05	241.05		
Elizabeth W. Wistar Warner Fund.....	4,832.27		16.32	4,815.95		13,672.57	11,186.10	2,486.47 Equipment	
T. Allen Hilles Bequest.....	274,086.19		925.68	273,160.51		48.70	48.70		
Leonard L. Greif, Jr. and Roger L. Greif Fund.....	976.22		3.30	972.92		121.74	121.74		
Edward M. Wistar Fund.....	2,440.54		8.24	2,432.30		1,992.73	1,992.73		
Morris E. Leeds Fund.....	39,947.07		134.91	39,812.16		68.49	100.00		
J. Henry Scattergood Fund.....		1,660.00	4.64	1,655.36					-31.51
	\$3,300,904.27			\$3,290,534.54					
Fund for T. Wistar Brown Graduate School									
Moses Brown Fund.....	342,205.37	1,707.06	1,155.74	342,756.69		17,070.64	9,058.58	3,905.00 Scholarships 2,400.00 Rent 1,707.06 Capitalized	
Funds for Morris Infirmary									
Infirmary Endowment Fund.....	9,423.83		31.83	9,392.00		470.10	470.10		
John W. Pinkham Fund.....	4,939.16		16.68	4,922.48		246.39	246.39		
	14,362.99			14,314.48					
Fund for Haverford Union									
Haverford Union Fund.....	1,834.13		6.19	1,827.94		91.49	91.49		
Funds for Scholarships									
Thomas P. Cope Fund.....	5,132.76		17.34	5,115.42	105.61	256.04		165.00 Scholarship	196.65
Edward Yarnall Fund.....	5,924.87		20.01	5,904.86	- 95.32	295.56			200.24
Isaiah V. Williamson Fund.....	19,346.03		65.34	19,280.69	245.59	965.06		740.00 Scholarship	470.65
Richard T. Jones Scholarship Fund.....	4,935.99		16.67	4,919.32	81.86	246.23		225.00 Scholarship	103.09
Mary M. Johnson Scholarship Fund.....	6,846.79		23.12	6,823.67	28.46	341.55		275.00 Scholarship	95.01
Sarah Marshall Scholarship Fund.....	7,731.38		26.11	7,705.27	- 3.04	385.67		275.00 Scholarship	107.63
Forward.....	\$49,917.82	\$3,659,306.76	\$4,738.41	\$4,780.11	\$49,749.23	\$3,649,433.65	\$638.16	\$184,092.14	\$1,410.70
							\$161,578.49	\$21,735.05	

	PRINCIPAL						INCOME				
	Book Value 9/1/41		Increased	Decreased	Book Value 8/31/42		Balance 9/1/41	Net Income	Expended	Special Purposes	Balance 8/31/42
Forward.....	\$49,917.82	\$3,659,306.76	\$4,738.41	\$14,780.11	\$49,749.23	\$3,649,433.65	\$638.16	\$184,092.14	\$161,578.49	\$21,735.05	\$1,416.76
<u>Funds for Scholarships (continued)</u>											
Clementine Cope Fellowship Fund.....	22,302.46			75.32	22,227.14		967.54	1,112.54		700.00 Scholarship	1,380.08
Isaac Thorne Johnson Scholarship Fund.....	7,749.62		86.58	26.17	7,810.03			386.58		300.00 Scholarship	
										86.58 Capitalized	
Caspar Wister Memorial Fund.....	2,881.01			9.73	2,871.28		7.54	143.72			136.18
J. Kennedy Moorhouse Scholarship Fund.....	5,033.22			17.00	5,016.22		42.69	251.08			43.77
Louis Jaquette Palmer Scholarship Fund.....	4,881.07			16.48	4,864.59		6.03	243.49		250.00 Scholarship	49.52
Paul W. Newhall Memorial Scholarship Fund.....	4,925.59			16.64	4,908.95		51.48	245.71		200.00 Scholarship	47.19
Robert Martin Zuckert Memorial Scholarship Fund.....	13,004.52		2,000.00	46.73	14,957.79		134.78	690.29		250.00 Scholarship	300.07
Samuel E. Hilles Scholarship Fund.....	4,897.97			16.54	4,881.43		4.31	244.33		525.00 Scholarship	65.02
Class of 1913 Scholarship Fund.....	2,928.64			9.89	2,918.75		3.22	146.09		175.00 Scholarship	42.87
Class of 1917 Scholarship Fund.....	0		2,000.00	1.13	1,998.87			16.63		100.00 Scholarship	16.63
Augustus Taber Murray Research Scholarship Fund.....		118,521.92				122,204.28	-498.74	995.54		980.00 Annuity	-483.20
		21,360.00				21,360.00					
<u>Funds for the Library</u>											
Alumni Library Fund.....	17,020.36			57.48	16,962.88			849.05	849.05		
Mary Farnum Brown Library Fund.....	64,026.22		847.55	216.24	64,657.53			3,193.90		2,346.35 Books	
										847.55 Capitalized	
Wm. H. Jenks Library Fund.....	4,881.07			16.48	4,864.59		7.47	243.49		202.71 Books	48.25
Mary Wister Brown Williams Library Fund.....	19,823.73			66.95	19,756.78		654.48	988.89		416.87 Books	1,226.50
Anna Yarnall Fund											
In Consolidated a/c.....	166,700.11		500.00	579.03	166,621.08			8,353.01	6,463.45	1,889.56 Books	
Agency a/c.....	2,290.00		14.47	500.22	1,804.25						
F. B. Gummers Library Fund.....	620.36			2.10	618.26		5.23	30.95		30.04 Books	6.14
Edmund Morris Fergusson, Jr. Memorial Fund.....	978.50			3.30	975.20		53.78	48.81		94.02 Books	8.57
Class of 1888 Library Fund.....	5,613.89			18.96	5,594.93		249.24	280.04		473.65 Books	55.63
Class of 1918 Library Fund.....	1,223.71			4.13	1,219.58		38.52	61.04		77.45 Books	22.11
		283,177.95				283,075.08					
<u>Funds for Old Style Pensions</u>											
President Sharpless Fund.....	40,256.23			135.96	40,120.27			2,008.15	2,008.15		
Wm. P. Henszey Fund.....	35,884.34			121.19	35,763.15			1,790.06	1,790.06		
Jacob P. Jones Benefit Fund.....	66,493.66			224.58	66,269.08			3,316.98	3,316.98		
Pliny Earle Chase Memorial Fund.....	3,194.40			10.79	3,183.61			159.35	159.35		
Haverford College Pension Fund.....	109,375.79			369.41	109,006.38			5,456.12	5,456.12		
		255,204.42				254,342.49					
<u>Funds for Special Purposes</u>											
Thomas Shipley Fund.....	5,123.18			17.30	5,105.88		658.19	255.57		144.00 Lectures	769.76
Elliston P. Morris Fund.....	1,099.95			3.71	1,096.24		186.76	54.87		119.16 Books	122.47
John B. Garrett Reading Prize Fund.....	1,218.19		1000.00	7.49	2,210.70		1,035.22	110.65		1,000.00 Capitalized	145.87
Special Endowment Fund.....	9,007.60			30.42	8,977.18		668.72	449.34		25.00 Fr. Co. on Educ.	
										200.00 Rel. Educ. Com.	893.06
Scholarship Improvement Prize Fund.....	2,242.24			7.57	2,234.67		56.82	111.85		95.00 Prizes	73.67
Elizabeth P. Smith Fund.....	1,002.58		700.00	5.75	1,696.83		735.23	84.93		700.00 Capitalized	
										40.00 Prizes	80.16
S. P. Lippencott History Prize Fund.....	2,486.30			8.40	2,477.90		179.41	124.03		231.16 Books	72.28
Francis Stokes Fund.....	4,998.51			16.88	4,981.63		456.27	249.35		278.70 Campus Club	426.92
George Peirce Prize Fund.....	2,001.57		74.85	6.76	2,069.66			99.85		25.00 Prize	
										74.85 Capitalized	
Lyman Beecher Hall Prize Fund.....	2,103.74			7.11	2,096.63		183.72	104.94		100.00 Prizes	188.66
Newton Prize Fund.....	1,364.50			4.61	1,359.89		125.99	68.07		116.82 Books	
										50.00 Prizes	27.24
Edward B. Conklin Athletic Fund.....	2,342.92			7.91	2,335.01			116.87	116.87		
Arboretum Fund.....	4,478.63			15.13	4,463.50		486.46	223.41		278.71 Campus Club	431.16
Wm. Ellis Scull Prize Fund.....	1,952.43			6.59	1,945.84		11.33	97.40		50.00 Prizes	58.73
Paul D. I. Maier Fund.....	976.22			3.30	972.92			48.70	38.70	10.00 Prize	
Strawbridge Observatory Maintenance Fund.....	3,748.21			12.66	3,735.55		418.13	186.98	357.53		247.58
Jacob & Eugenie Bucky Memorial Foundation.....	0		2,012.67		2,012.67			12.67		12.67 Capitalized	
		46,146.77				49,772.70					
Total of all the Funds	\$4,383,717.82	\$13,974.53	\$17,504.15		\$4,380,188.20	\$7,537.84	\$217,747.46	\$182,134.75	\$35,230.90		\$7,919.65

HAVERFORD COLLEGE

SUMMARY OF THE FUNDS

	Book Value September 1, 1941	Increased	Decreased	Book Value September 1, 1942
Funds for General Purposes	\$ 3,300,904.27	\$ 3,031.35	\$ 13,401.08	\$ 3,290,534.54
Fund for Master Brown Graduate School	342,205.37	1,707.06	1,155.74	342,756.69
Funds for Morris Infirmary	14,362.99		48.51	14,314.48
Fund for Haverford Union	1,834.13		6.19	1,827.94
Funds for Scholarships	139,881.92	4,086.58	404.22	143,564.28
Funds for the Library	283,177.95	1,362.02	1,464.89	283,075.08
Funds for Old Style Pensions	255,204.42		861.93	254,342.49
Funds for Special Purposes	46,146.77	3,787.52	161.59	49,772.70
	\$ 4,383,717.82	\$ 13,974.53	\$ 17,504.15	\$ 4,380,188.20

SUMMARY AS TO CONSOLIDATED AND NON-CONSOLIDATED ACCOUNTS

Consolidated Investments Account	\$ 4,297,094.51	\$50,730.68	\$52,129.25	\$ 4,295,695.94
Non-Consolidated Accounts:-				
John Farnum Memorial Fund				
Nathan Brenson Hill Fund	38,169.55	50.00		38,219.55
(In care of First National Bank & Trust Co., Minneapolis, Minn.)				
Elizabeth H. Farnum Fund	5,082.76	2.15		5,084.91
(Provident Trust Co., Trustee)				
(Ellen W. Longstreth Agency Account	9,635.53		10.87	9,624.66
(Mary Pearsall Agency Account	1,514.04	43.26		1,557.30
Both of the above accounts are part of the E. W. Longstreth Fund	8,571.43	660.59	2,390.23	6,841.59
Augustus Taber Murray Research Scholarship Fund				
Anna Yarnall Fund - Anna Yarnall Agency Account	21,360.00			21,360.00
	2,290.00	14.47	500.22	1,804.25
	\$ 4,383,717.82	\$51,500.95	\$55,030.57	\$ 4,380,188.20

The Book Value decreased \$3,529.62 as follows:

Loss on Securities Sold	\$ 1,145.48
Loss on Securities Called	23.17
Loss on Securities Exchanged (through reorganizations)	40,531.72
Loss on 2 parcels Real Estate Sold	2,175.07
LESS:	
Donations to Funds	7,660.00
Miscellaneous Additions to Funds	50.00
Income Transferred to Principal	17,456.18
Gain on Securities Sold	27,562.18
Gain on Securities Called	644.93
Real Estate Restored	40,345.82
	\$ 3,529.62

CLASSIFICATION OF INVESTMENTS

8th Mo. 31, 1942.

HAVERFORD COLLEGE

	Consolidated Account	Non-Consolidated Accounts	Total	%
BONDS				
Government	\$ 52,299.21	\$ 10,353.81	\$ 62,653.02	
Municipal	2,800.00	10,507.50	13,307.50	
Industrial	56,412.19	927.50	57,339.69	
Public Utility	194,760.77	5,549.91	200,310.68	
Railroad	936,821.01	17,488.79	954,309.80	
Equipment Trust	0	0	0	
Miscellaneous	23,449.50	0	23,449.50	
	1,266,542.68	44,827.51	1,311,370.19	29.94
PREFERRED STOCKS				
Industrial	101,530.87	0	101,530.87	
Public Utility	250,910.14	0	250,910.14	
Railroad	35,560.54	0	35,560.54	
Miscellaneous	0	0	0	
	388,001.55		388,001.55	8.86
COMMON STOCKS				
Bank & Insurance	285,726.44	0	285,726.44	
Industrial	381,610.35	0	381,610.35	
Public Utility	103,993.25	0	103,993.25	
Railroad	124,872.30	0	124,872.30	
Miscellaneous	9,538.98		9,538.98	
	905,741.32		905,741.32	20.68
MORTGAGES				
	505,871.50	12,308.25	518,179.75	11.83
REAL ESTATE				
	767,821.94	25,107.19	792,929.13	18.10
MISCELLANEOUS				
	255,970.51	0	255,970.51	5.84
CASH - due to Funds from Corporation at 4% interest				
	205,746.44	2,249.31	207,995.75	4.75
	\$ 4,295,695.94	\$ 84,492.26	\$ 4,380,188.20	100.00%

NOTE: There are \$69,000 Public Utility bonds not included in the above figures, being holding in C. Wharton, Stock Art Gift Fund, which is not included in the Funds. This Fund also has an overdraft in Principal cash of \$45,800.

INCOME RETURN The net income return after allowing commission to our fiscal agent was 4.94% on book value at the end of the year.

HAVERFORD COLLEGE

ROY A. WRIGHT & COMPANY

CERTIFIED PUBLIC ACCOUNTANTS

1530 CHESTNUT STREET
PHILADELPHIA, PA.

ROY A. WRIGHT, C. P. A.

GEORGE W. MIHOK
P. J. VAN SILLIARD

RITTENHOUSE 3827

October 5, 1942

Board of Managers,
The Corporation of Haverford College,
Haverford, Pennsylvania.

Dear Sirs:

We have completed an examination of the accounts of your Treasurer, J. Henry Scattergood, for the fiscal year ended August 31, 1942.

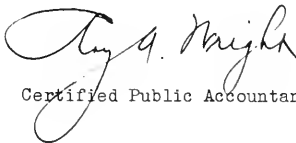
Cash Balances were verified by direct correspondence with your depository. The securities in the keeping of the Provident Trust Company of Philadelphia were examined by us, while those held by the Girard Trust Company and the First National Bank & Trust Company of Minneapolis, Minnesota, were certified to us by them, and found to be in accordance with the Treasurer's report.

The Treasurer's report for the year was examined and compared with the books of account and found to agree herewith.

The Comptroller's Accounts have been audited monthly during the year.

In our opinion, the Treasurer's report sets forth the result of operation of The Corporation of Haverford College for the fiscal year ended August 31, 1942.

Very truly yours,



Certified Public Accountant

HAVERFORD COLLEGE

DONATIONS FOR ADDITIONS TO FUNDS

CLASS OF 1917 SCHOLARSHIP FUND (New)

Class of 1917, through
Dr. John W. Spaeth, Jr. \$ 2,000.00

JACOB AND EUGENIE BUCKY MEMORIAL FOUNDATION (New)

Colonial Trust Company of New York
and Solomon L. Fridenberg of
Philadelphia, co-trustees under
the will of Eugenie Bucky, deceased..... 2,000.00

J. HENRY SCATTERGOOD FUND (New)

Members of the Board of Managers..... 1,660.00

ROBERT MARTIN ZUCKERT MEMORIAL SCHOLARSHIP FUND

Harry M. Zuckert..... 2,000.00 \$ 7,660.00

HAVERFORD COLLEGE

DONATIONS FOR CURRENT PURPOSES

FOR PRIZES

Class of 1902, through Edward W. Evans, for Latin Prize.....	\$	10.00	
Logan Pearsall Smith Prize			
Christopher Morley	\$	25.00	
E. S. McCawley Company		<u>25.00</u>	50.00
Mathematics Department Prize			
C. O. Oakley		15.00	
C. B. Allendoerfer		<u>10.00</u>	<u>25.00</u>
	\$		85.00

FOR BOOKS

Matzke Royalties.....		33.02	
Chemistry Books - Class of 1932.....		50.00	
Greek Books - Professor L. Arnold Post.....		30.00	
Quakeriana -			
Henry S. Drinker		10.00	
Joshua L. Baily		25.00	
Joseph J. McCadden		<u>1.00</u>	36.00
Binding Professor R. M. Jones'			
Quaker Library			
A. I. Baily, Jr.		10.00	
W. B. Bell		25.00	
Henry C. Evans		10.00	
Morris E. Leeds		50.00	
M. Albert Linton		10.00	
William M. Maier		10.00	
C. C. Morris		25.00	
William P. Phillips		50.00	
J. Henry Scattergood		25.00	
J. Stogdell Stokes		20.00	
Arthur H. Thomas		50.00	
Edward Woolman		<u>10.00</u>	295.00
Microfilm Reader for Quaker			
Film Records			
Arthur H. Thomas.....		<u>500.00</u>	944.02

FOR MUSIC & FINE ARTS

Carnegie Corporation of New York.....	8,000.00	
Miscellaneous Music Receipts.....	<u>42.52</u>	<u>8,042.52</u>
Forward.....		9,071.54

HAVERFORD COLLEGE

Forward..... \$ 9,071.54

FOR SCHOLARSHIPS

New England Alumni.....	300.00	
New York Alumni.....	150.00	
Haverford College Alumni Association		
for Isaac Sharpless Scholarships.....	1,000.00	
For a Student -		
Alfred G. Scattergood	25.00	
J. Henry Scattergood	15.00	
C. C. Morris	7.50	47.50
Class of 1917.....		250.00
For Summer Scholarships -		
Anonymous	2,250.00	
Class of 1942	<u>193.50</u>	<u>2,443.50</u>
		4,191.00

FOR ATHLETIC FIELD

Class of 1922..... 70.00

FOR BIRD SANCTUARY

Edward Woolman..... 46.00

FOR CARE OF COPE FIELD

Through Alfred G. Scattergood..... 45.00

FOR RESURFACING ROAD FROM BARCLAY HALL TO RAILROAD AVENUE

Morris E. Leeds..... 3,789.82

FOR ROBERTS HALL ELECTRICAL IMPROVEMENTS

Mrs. Helen C. Warden.....	200.00	
Cap and Bells.....	<u>250.00</u>	450.00

FOR ENGINEERING EQUIPMENT IN HILLES LABORATORY

William A. Battey..... 250.00

FOR CHEMICAL LABORATORY - NEW LECTURE ROOM

Eric G. Ball.....	10.00	
R. M. Bird, Jr.	5.00	
S. T. Brinton.....	10.00	
Donald R. Buxton.....	10.00	
C. J. Claassen.....	10.00	
W. H. Daudt.....	<u>10.00</u>	
Forward.....	55.00	17,913.36

HAVERFORD COLLEGE

Forward..... \$ 55.00

\$ 17,913.36

FOR CHEMICAL LABORATORY - NEW LECTURE ROOM (continued)

F. Curtis Dohan.....	5.00
H. K. Dugdale.....	10.00
L. W. Elder, Jr.	10.00
Ernest M. Evans.....	10.00
Samuel R. Evans.....	10.00
John A. Flick.....	5.00
F. E. Foerster.....	10.00
N. T. Folwell, Jr.	10.00
Donald C. Gibson.....	10.00
E. L. Gordy.....	10.00
J. Richard Gott, Jr.	10.00
Roger L. Greif.....	10.00
Edward C. Haines.....	10.00
E. K. Haviland.....	10.00
Ernest H. Hemphill.....	10.00
C. M. Henry.....	10.00
Charles H. Johnston.....	20.00
D. P. McCune III.....	10.00
W. W. McCune.....	10.00
M. W. Mead, Jr.	10.00
Henry S. Murphy.....	10.00
Thomas E. Parke, Jr.	5.00
Edward B. Patterson.....	10.00
H. B. Pickard.....	10.00
E. M. Rector.....	2.00
J. D. Reese.....	10.00
Newman S. Shirk.....	10.00
Frank T. Siebert.....	15.00
William Wharton Smith.....	10.00
F. G. Speller, Jr.	10.00
Harry L. Tomkinson.....	2.00
E. P. Van Tine.....	10.00
Philip V. Wagner.....	10.00
Joseph D. White.....	20.00
John Haines Wills.....	10.00
William Mintzer Wills.....	10.00
H. C. Wood III.....	10.00
J. A. Zapp, Jr.	10.00

429.00

FOR GUMMERE-MORLEY ROOM IN NEW LIBRARY

Class of 1892.....	1500.00
Jonathan M. Steere '90.....	50.00

1,550.00

FOR FURNISHING GOVERNMENT HOUSE (#8 COLLEGE LANE)

National Foundation for Education.....

300.00

FOR HAVERFORD, BRYN MAWR & SWARTHMORE JOINT PROGRAMS

National Foundation for Education.....

300.00

Forward.....

20,492.36

HAVERFORD COLLEGE

Forward..... \$ 20,492.36

FOR COLLECTION SPEAKERS

Mrs. William H. Collins..... 15.00

FOR SALARIES

Douglas V. Steere	300.00	
Frederic Palmer	<u>100.00</u>	400.00

For Summer Term Salaries -

Thomas E. Drake	300.00	
Frederic Palmer	<u>300.00</u>	<u>600.00</u> 1,000.00

FOR GENERAL PURPOSES

From a Friend..... 600.00

FOR PURPOSES NOT YET DESIGNATED

John A. Silver..... 500.00

FOR BETH SHEMISH EXPLORATION FUND

Dr. Elihu Grant.....	300.00	
J. W. Flight.....	<u>75.00</u>	375.00

FOR FIELD HOUSE

(Invested in Defense Bonds)		
Anonymous.....	18.75	
Haverford College Student Association....	93.75	
Jeff Dewald, John B. Roesler and		
William H. Woodward.....	74.00	
Haverford Society of Washington.....	<u>75.00</u>	261.50

FOR RADIO CLUB

Interest added..... 63.36

BUCKY FOUNDATION GIFT FOR SPECIAL PURPOSES

From Colonial Trust Company of New York
under the will of Eugenie Bucky..... 2,000.00

FOR SETTING OF GEORGE FOX PORTRAIT IN QUAKERIANA SECTION OF LIBRARY

George Vaux..... 100.00

Forward..... 25,407.22

HAVERFORD COLLEGE

Forward..... \$ 25,407.22

TRIANGLE SOCIETY GIFT

From a friend of the College

7,257.25

FOR CAMPUS CLUB

Prof. & Mrs. C. B. Allendoerfer.....	2.00
Howard A. Andrews.....	1.00
Dr. & Mrs. James A. Babbitt.....	5.00
Mrs. H. L. Balderston.....	1.00
Wilfred Bancroft.....	5.00
T. Ellis Barnes.....	5.00
Daniel B. Boyer.....	2.00
Daniel B. Boyer, Jr.	2.00
Samuel T. Brinton.....	1.00
H. Tatnall Brown, Jr.	2.00
Prof. & Mrs. W. E. Cadbury, Jr.	2.00
Mr. & Mrs. W. B. Clement.....	2.00
Mrs. Julia Cope Collins.....	2.50
Aubrey C. Dickson, Jr.	2.00
Harry A. Dominocovich.....	1.00
H. S. Drinker, Jr.	5.00
Prof. & Mrs. E. R. Dunn.....	2.00
Mrs. Sydney B. Dunn.....	20.00
Charles Evans.....	5.00
Edward W. Evans.....	2.00
Francis C. Evans.....	1.00
William T. Ferris.....	5.00
Mr. & Mrs. H. V. Gummere.....	2.00
Mr. & Mrs. John F. Gummere.....	2.00
Richard M. Gummere.....	1.00
Marshall C. Guthrie, Jr.....	2.00
Mr. & Mrs. A. W. Haddleton.....	2.00
Prof. & Mrs. T. B. Hetzel.....	5.00
Prof. & Mrs. Clayton W. Holmes.....	1.00
Lewis Jones.....	5.00
Prof. & Mrs. Rufus Jones.....	5.00
W. R. Jones.....	4.00
John A. Kelly.....	5.00
Mrs. Rayner W. Kelsey.....	2.00
C. P. Knight, Jr.	1.00
Morris E. Leeds.....	25.00
M. A. Linton.....	5.00
M. A. Linton, Jr.	2.00
John C. Lober.....	5.00
Prof. & Mrs. D. P. Lockwood.....	2.00
George B. Mathues.....	1.00
Prof. & Mrs. W. B. Meldrum.....	2.00
Robert E. Miller.....	2.00
Walter L. Moore.....	1.00
President & Mrs. Felix Morley.....	3.00
C. C. Morris.....	10.00
Marriott C. Morris.....	5.00
William P. Morris.....	5.00
Prof. & Mrs. Frederic Palmer.....	2.00
Dr. Thomas Parke.....	2.00

Forward..... 184.50

32,664.47

HAVERFORD COLLEGE

Forward..... \$ 184.50 \$ 32,664.47

FOR CAMPUS CLUB (continued)

Prof. & Mrs. H. W. Pfund.....	4.00	
Prof. & Mrs. L. A. Post.....	2.00	
Mr. & Mrs. C. R. Rebmman.....	10.00	
Prof. & Mrs. L. W. Reid.....	2.00	
Charles S. Ristine.....	2.00	
Prof. & Mrs. A. E. Robinson.....	5.00	
Miss Lilian A. Ross.....	1.00	
R. M. Sargent.....	5.00	
A. G. Scattergood.....	5.00	
J. Henry Scattergood.....	5.00	
Laird H. Simons, Jr.	20.00	
Mr. & Mrs. A. K. Smiley.....	10.00	
Mr. & Mrs. A. K. Smiley, Jr.	2.00	
Daniel Smiley, Jr.	10.00	
Prof. & Mrs. Edward D. Snyder.....	2.00	
J. M. Steere.....	10.00	
A. G. Tatnall.....	2.00	
Mr. & Mrs. Francis R. Taylor.....	2.00	
Louis W. Van Meter.....	5.00	
W. Wyclif Walton.....	2.50	
Mrs. E. O. Warner.....	1.00	
Mrs. Henry S. Williams.....	4.00	
Mr. & Mrs. William M. Wills.....	2.00	
Prof. & Mrs. A. H. Wilson.....	5.00	
Thomas Wistar.....	1.00	
W. F. Wolff.....	1.00	
Mr. & Mrs. Edward Woolman.....	97.00	
Gifford K. Wright.....	5.00	
Sale of Plants and Trees.....	<u>660.25</u>	1,067.25

FOR NEW STACKS ADDITION TO LIBRARY

Class of 1890		
Jonathan M. Steere.....		372.00
Class of 1910		
Edward W. David.....	\$ 25.00	
E. Page Allison.....	<u>50.00</u>	75.00
Class of 1911		
Through L. Arnold Post.....	969.25	
J. A. Clarke, Jr.	25.00	
P. B. Deane.....	25.00	
E. A. Russell.....	15.00	
Walter Tibbetts.....	<u>10.00</u>	1,044.25
Class of 1915		
A. R. Carman, Jr.	10.00	
Prof. E. M. Bowman.....	<u>10.00</u>	20.00
Class of 1916		
J. Arthur Cooper.....		25.00
Class of 1917		
Through John W. Spaeth, Jr.....	<u>250.00</u>	
Forward.....	1,786.25	<u>33,731.72</u>

HAVERFORD COLLEGE

Forward..... \$ 1,786.25 \$ 33,731.72

FOR NEW STACKS ADDITION TO LIBRARY (continued)

Class of 1926

Don Baker	
S. F. Baldwin	
Robert Barry	
F. F. Campbell	
H. C. Evans	
R. L. Haines	
E. P. Hannum	
Sid Harper	
J. D. Joly	
W. M. Leeds	
D. C. Lewis	
Ben Loury	
H. T. MacGowan	
Willard E. Mead	
C. E. Shank	
Charles Tatnall	146.00

Class of 1927

Through John E. Forsythe, Jr....	\$ 1,445.86	
James W. Baker.....	40.00	
Harold E. Bates.....	20.00	
John H. Biddle.....	20.00	
Charles A. Clement.....	5.00	
Herman B. Compter.....	35.00	
Daniel M. Coxé.....	30.00	
John E. Forsythe, Jr.	20.00	
Dr. J. Richard Gott, Jr.	50.00	
William S. Halstead.....	20.00	
John L. Heller.....	5.00	
William L. Lester.....	20.00	
Dr. Leopold Lipsitz.....	20.00	
John C. Lober.....	50.00	
I. Wilmer Miller.....	6.00	
Paul W. Ohl.....	10.00	
Allen C. Powell.....	15.00	
George H. Renninger.....	20.00	
Herbert C. Rorer.....	10.00	
Ira B. Rutherford.....	20.00	
S. Stansfeld Sargent.....	20.00	
George E. Saunders.....	20.00	
William W. Saunders.....	30.00	
Watson Scarborough.....	10.00	
Irving B. Smith, Jr.	4.00	
W. Burr Totten.....	35.00	
Carl S. Vogel.....	20.00	
	2,000.86	

Class of 1935

Through John B. Rhoads.....	250.00
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Class of 1936

Arthur R. Kane, Jr.	15.00
Triangle Society.....	91.00

Forward.....	4,289.11	33,731.72
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HAVERFORD COLLEGE

Forward..... \$ 4,289.11 \$ 33,731.72

FOR NEW STACKS ADDITION TO LIBRARY (continued)

William A. Battey.....	\$	100.00		
William B. Bell.....		250.00		
Thomas W. Elkinton.....		500.00		
Benjamin Eshleman.....		10.00		
J. S. C. Harvey, Jr.		200.00		
Clinton P. Knight, Jr.		750.00		
William M. Maier.....		200.00		
William P. Phillips.....		1,000.00		
Dr. Legh W. Reid.....		50.00		
Charles J. Rhoads.....		250.00		
Alfred G. Scattergood.....		200.00		
Arthur H. Thomas.....		1,000.00		
Parker S. Williams.....		<u>500.00</u>	<u>5,010.00</u>	<u>9,299.11</u>
				\$ 43,030.83

HAVERFORD COLLEGE

REPORT OF

HAVERFORD COLLEGE LOAN FUND

Established 1926

Report #16

August 31, 1942.

Current Year 1941-42

Cash balance on hand, August 31, 1941.....	\$	7,133.95
34 loans repaid during year.....		3,120.92
87 part payments on loans during year.....		2,260.25
Interest received during year.....		1,270.73
Remainder of funds in Merion Title & Trust Company.....		672.94
	\$	14,458.79
37 loans during year.....	\$	5,635.00
Repaid Class of 1911.....		808.05
Funds in Merion Title & Trust Co.		672.94
		<u>7,115.99</u>

Cash balance on hand, August 31, 1942.....		7,342.80
183 loans outstanding, August 31, 1942.....		<u>33,977.93</u>

Total resources, August 31, 1942..... \$ 41,320.73

Total to August 31, 1942

Appropriations from Jacob P. Jones Endowment Fund.....	\$	20,812.04
1st donation from Class of 1911.....		641.30
2nd donation from Class of 1911.....		137.90
3rd donation from Class of 1911.....		28.85
Donation from Class of 1929.....		350.27
Donation from A. R. Katz.....		500.00
Donation from Class of 1927.....		900.00
Donation from Class of 1908.....		1,507.96
Gift from C. C. Morris.....		50.00
Gift from John Charles.....		300.00
Gift, Anonymous.....		500.00
Gift, Anonymous.....		2,000.00
Gift, Haverford Society of Maryland.....		100.00
Gift, Dr. H. S. Arthur.....		300.00
255 loans repaid.....		35,192.82
329 part payments.....		11,591.59
Interest received.....		10,763.47
1st payment of Merion Title (2/28/33).....	\$	42.06
2nd payment of Merion Title (1/4/38).....		84.12
3rd payment of Merion Title (12/31/40).....		42.06
		<u>168.24</u>
Total receipts \$		85,844.44

1st Repayment to Corporation (7/28/38).....	\$	3,000.00
2nd Repayment to Corporation (5/31/41).....		3,000.00
Loans made.....		69,950.75
Repayment of donation, Class of '27.....		900.00
Repayment of donation, Class of '11.....		808.05
Original funds in Merion Title.....		841.18
Check tax.....		1.66
		<u>78,501.64</u>

Cash balance, August 31, 1942.....		7,342.80
183 loans outstanding, August 31, 1942.....		<u>33,977.93</u>

Total resources, August 31, 1942..... \$ 41,320.73

ENDOWMENT FUNDS

FUNDS FOR GENERAL PURPOSES

GENERAL ENDOWMENT FUND

Founded in 1847 with subscriptions of \$50,000 by a number of Friends. Additions were made as follows: 1868, from an anonymous source, \$5,000; 1869, bequest of Ann Haines to increase the compensation of professors, \$2,670; 1870, bequest of Richard D. Wood, \$18,682.96; 1872, from William Evans, \$1,000; 1874, from executors of Jesse George, deceased, \$5,000; 1880, bequest of Dr. Joseph W. Taylor, \$5,000; 1901, legacy of Ann Williams, \$2,425.50; 1941, from children of Aubrey C. Dickson in his memory, \$300. Present book value, \$94,666.07. The income is used for salaries and scholarships.

JOHN FARNUM MEMORIAL FUND

Founded in 1878 by the heirs of John Farnum by gift of \$25,000 as a memorial to him. Added to in 1899 by legacy of \$10,000 from Elizabeth H. Farnum, widow of John Farnum. Present book value, \$38,219.55. The income only is to be used to endow a "professorship of some practical science or literature." The chair of chemistry was designated as the "John Farnum Professor of Chemistry." The principal is held in the name of three Trustees for the benefit of The Corporation of Haverford College.

JOHN M. WHITALL FUND

Founded in 1880 by bequest of \$10,000 from John M. Whitall, Sr. Present book value, \$10,351.93. The bequest is upon the condition that the art of drawing, especially mechanical drawing, shall be taught, and the income only is to be used, and for this purpose.

DAVID SCULL FUND

Founded in 1885 by bequest of \$40,000 from David Scull, Sr. Present book value, \$43,593.11. The income only is to be used to endow a professorship. The chair of biology was designated as the "David Scull Professor of Biology."

EDWARD L. SCULL FUND

Founded in 1865 by net bequest of \$9,500 from Edward L. Scull, '64. The legacy was added to the General Endowment Fund, but in 1888 it was set apart as a separate fund. Present book value, \$11,056.57. The income only is to be used. The bequest is free from any legally binding conditions, but it was the testator's desire "that some judicious means shall be employed by the Managers to further advise students on the subjects of diet and reading."

WISTAR MORRIS MEMORIAL FUND

Founded in 1892 by gift of \$5,000 in bonds by Mary Morris, widow of Wistar Morris, as a memorial to him. Present book value, \$5,004.92. There are no restrictions. The income is used for general college purposes.

ISRAEL FRANKLIN WHITALL FUND

Founded in 1896 by net legacy of \$9,667.83 from Israel Franklin Whitall. Present book value, \$10,489.94. The income only is to be used for the payment of professors or teachers.

HAVERFORD COLLEGE

JACOB P. JONES ENDOWMENT FUND

Founded in 1897 by residuary legacy of Jacob P. Jones. This amounted when received to par value of \$279,021.60; book value, \$332,301.60, and sundry real estate. The real estate has all been sold, netting \$847,709.92. Present book value, \$1,266,130.87. The income only is to be used for general college purposes, and out of said income there shall be admitted a portion at least of the students either free of charge or at reduced rates. In accordance with this provision, about \$7,100 per annum is used for scholarships, and the balance of income for general college purposes. Jacob P. Jones' will contains the following: "My hope is that under the blessing and favor of God there will come from this source a revenue which shall be productive of growth and vigor in the institution as well as help at this critical period of their lives to many deserving young men of slender patrimony."

JOHN FARNUM BROWN FUND FOR THE STUDY OF THE BIBLE, BIBLICAL HISTORY AND LITERATURE, PHILOSOPHY, AND KINDRED SUBJECTS

Founded in 1900 by the late T. Wistar Brown as a memorial to his son, John Farnum Brown, '93. The original gift was in cash and securities of a par value of \$43,000, shortly afterwards increased by further gifts of \$15,000. The founder made further gifts of cash and securities until 1915, the total being \$19,381 cash and \$48,500 par of securities with book value of \$41,490. His total gifts therefore had a book value of \$234,970.81. Of this, \$5,000 donated in 1910 is for endowment of prizes in Biblical History and in Philosophy. A portion of the income was capitalized each year to keep intact the full value of the fund until 1940 when this fund was included in the Consolidation of funds. Present book value, \$268,427.71. The income only is to be used for the purpose of making provision for the regular study of the Bible and Biblical History and Literature, and as way opens for religious teaching. In 1910, the scope and title of the Fund were enlarged to include "and Philosophy and Kindred Subjects." Income up to \$200 may be used for prizes in Biblical Literature and Philosophy.

ELLEN WALN FUND

Founded in 1900 by legacy of \$10,000 from Ellen Waln. Present book value, \$10,816.02. There are no restrictions. The income is used for general college purposes.

CLEMENTINE COPE ENDOWMENT FUND

Founded in 1904 by bequest of \$25,000 from Clementine Cope. Present book value, \$20,911.57. There are no restrictions. The income is used for general college purposes.

NATHAN BRANSON HILL TRUST

Founded in 1904 by deposit with First National Bank and Trust Co., Minneapolis, Minn., trustee, of a paid-up life insurance policy for \$5,000 by Samuel Hill, '78, being in memory of his father, Nathan Branson Hill. The income is to be used to aid the maintenance of Haverford College so long as it shall remain under the auspices of the Society of Friends. In 1931, Samuel Hill died and the policy realized \$5,039. Present book value, \$5,084.91

JOSEPH E. GILLINGHAM FUND

Founded in 1907 by bequest of \$50,000 from Joseph E. Gillingham. Present book value, \$41,246.56. The testator said, "I request, but I do not direct, that part of the income of this legacy may be used for free scholarships for meritorious students." In accordance with this request, \$800 is appropriated annually from the income for scholarships, the balance being used for general college purposes.

HAVERFORD COLLEGE

HENRY NORRIS FUND

Founded in 1907 by bequest of \$5,000 from Henry Norris. Present book value, \$5,726.60. There are no restrictions. The income is used for general college purposes.

ELIZABETH H. FARNUM FUND

Founded in 1891. The original principal of this fund, amounting to \$10,000, is held by the Provident Trust Co. of Philadelphia under a deed of trust created by Elizabeth H. Farnum. The first income accrued to the College in 1914. Present book value, \$9,624.66. There are no restrictions to the use of the income, and same is applied to general college purposes.

JAMES R. MAGEE FUND

Founded in 1915 by bequest of \$10,000 from James R. Magee, '59, and added to in 1925, 1926, 1928, 1929, 1930, 1931, 1932, 1936, 1937, and 1940 by additional payments of \$29,182.84, \$1,694.84, \$499.31, \$499.68, \$488.85, \$207.33, \$400, \$250 and \$100 under his legacy. Present book value, \$42,973.91. There are no restrictions except that the income only is to be used. This is applied to general college purposes.

ALBERT K. SMILEY FUND

Founded in 1915 by gift of \$1,000 from Daniel Smiley, '78, as a memorial to his brother, Albert K. Smiley, '49, and added to in 1924 and 1926. Present book value, \$1,459.37. There are no restrictions except that preference was expressed that the income only should be used. This is applied to general college purposes.

THE HINCHMAN ASTRONOMICAL FUND

Founded in 1917 by bequest of \$10,000 par value securities from Charles S. Hinchman. Increased in 1928, 1929, 1930, 1931, 1932, 1933, 1934, 1935, and 1936 by donations of \$28,926.95 from a friend of the College. Present book value, \$38,445.30. The income only to be used "to increase the salary of the astronomical professorship so as to provide a suitable instructor in the ennobling study of the heavens."

WALTER D. AND EDITH M. L. SCULL FUND

Founded in 1918 by bequest of Walter D. Scull, whose death followed shortly after the death of his sister, Edith M. L. Scull. Each left his or her estate to the other, unless predeceased; in this latter case both American estates were left to Haverford College. Both were children of Gideon D. Scull, '43, and resided in England. Income accumulated before the receipt of the fund by the College amounted to \$16,887.66, of which \$15,078.51 was added to the principal of the fund. Present book value, \$169,832.77. The fund was created to establish a professorship of modern English constitutional history, and the chair has been designated as the Walter D. and Edith M. L. Scull Professorship of History.

ALBIN GARRETT MEMORIAL FUND

Founded in 1919 by legacy of \$25,000 from Mary Hickman Garrett, in memory of her late husband, Albin Garret, '64. Present book value, \$26,045.98. There are no restrictions. The income is used for general college purposes.

ARNOLD CHASE SCATTERGOOD MEMORIAL FUND

Founded in 1919 by gift of \$30,000 in securities from Maria Chase Scattergood in memory of her son, Arnold Chase Scattergood, of the Class of 1919, who died in his Junior year. Present book value, \$23,721.27. The income only is to be used toward the payment of professors' salaries. Should Haverford at any time in the

HAVERFORD COLLEGE

future give instruction or offer courses in Military Training, the fund must be surrendered to Committee on Education of Yearly Meeting of Friends of Philadelphia.

FRANCIS B. GUMMERE MEMORIAL FUND

Founded in 1920. This fund was started by a gift of \$25,000 from the late Miss Emily H. Bourne, of New York, conditional upon the raising of \$100,000 additional for an endowment of the Chair of English Literature in memory of her friend, Professor Francis Barton Gummere. A committee of alumni, consisting of J. Stogdell Stokes, '89, chairman; E. R. Tatnall, '07, treasurer; Hans Froelicher, '12, secretary; Charles J. Rhoads, '93; Alfred M. Collins, '97; Winthrop Sargent, Jr., '08, and Parker S. Williams, '94, working with President Comfort, organized a comprehensive campaign among the alumni and friends of the College to raise \$375,000 for this purpose and for increase of professors' salaries; the first \$100,000 of unspecified gifts was used to complete the Francis B. Gummere Memorial Fund to at least \$125,000, and the balance comprised the Isaac Sharpless Memorial Fund. Total, book value, \$122,168.77.

ISAAC SHARPLESS MEMORIAL FUND

Founded in 1920. The alumni of the College conducted during 1920 a campaign for \$375,000 additional endowment for the College to make possible additional salaries to the professors. Appeal was made to found two new funds, the Francis B. Gummere Memorial Fund and the Isaac Sharpless Memorial Fund. The funds received, except where otherwise specified, were first applied to the completion of the former up to \$125,000 (see above). Specified gifts and donations thereafter received were then applied to the Isaac Sharpless Memorial Fund. The income only is to be used for salaries of professors. Total book value, \$212,804.72.

GENERAL EDUCATION BOARD FUND

The General Education Board of New York appropriated \$125,000 in 1920 to the campaign for increase of endowment when the Francis B. Gummere Memorial Fund and the Isaac Sharpless Memorial Fund, totaling \$375,000, were raised. Interest at five per cent was paid on the full sum for three years, and the \$125,000 in full payment was completed in 1926-1927. Total book value, \$122,662.35.

HAVERFORD IMPROVEMENT FUND

Founded in 1922 to hold the Corporation's undivided share in College Lane land and eight houses. This property was turned over to the Corporation free of debt on Third Month 17, 1922, and with same the then debt of the Corporation amounting to \$155,942.15 was liquidated. The fund started with an undivided interest of \$19,000. There was added in 1922, \$9,000; and in 1925, \$2,000. In 1926, \$5,000 of this fund was sold and the proceeds were appropriated for the alterations to Roberts Hall. The balance of this fund, \$25,000, was also used in 1927 for the same purpose. The income was used for general college purposes. It is hoped that this fund may be refunded from the Centenary Campaign, a part of which was planned to cover the Roberts Hall alterations.

The College Lane land was purchased in 1886 for the benefit of the College by David Scull, Justus C. Strawbridge, Richard Wood and Francis Stokes, Managers of the College and now all deceased. With contributions raised by them and by mortgages on which they went on the bonds, funds were raised to build six dwelling houses, and two houses were built by the Corporation itself. From the income of the houses the debt against the properties was gradually reduced until it was entirely liquidated in 1919. The net income from 1919 until 1922, when the property was turned over to the Corporation, was applied toward the reduction of the Corporation's debt.

HAVERFORD COLLEGE

CENTENARY FUND

Centenary Fund (1) was founded in 1926 by gifts to the College in anticipation of the one hundredth anniversary of its founding in 1833. There were no restrictions and the income was used for general college purposes until 1935, when the principal was used in the liquidation of debt.

In 1935 a further campaign among the Alumni was conducted under the direction of William M. Wills, '04, to add to the funds raised in commemoration of the Centenary. This was designated as Centenary Fund (2), but in 1935-1936 the payment of pledges to (1) were merged with (2) at the request of donors, and the two accounts are now considered as one.

During 1936-1937, \$9,000 additional donations were made by members of the Strawbridge family, and of these \$3,372.63 were transferred for the final cost of the William J. Strawbridge '94 Memorial Astronomical Observatory, and \$5,627.37 were set aside to establish the Strawbridge Observatory Maintenance Fund. Other additional gifts of \$16,017.04 were made in 1936-1937, \$7,700 in 1937-1938, \$2,150 in 1938-1939, and \$15 in 1939-1940 bringing the totals contributed to both funds to date, for the Observatory \$47,000, and for other uses \$145,947.55.

From the \$16,017.04, together with \$1,550 realized from a previous gift of an investment, the balance of the debt for pension contributions \$12,022.57 was met, \$5,544.47 was applied to the debt for accrued deficits, \$7,700 was applied to the operating year 1937-1938, and \$2,150 to that of 1938-1939, \$15.00 to that of 1939-1940, and \$11.34 for 1940-1941.

There remains one investment in this fund not yet realized upon with a book value of \$233.31.

WILLIAM PENN FOUNDATION

Started in 1926 toward a fund of \$120,000 to establish a chair or lectureship in Political Science and International Relations. This fund forms a part of the Centenary program to raise \$1,000,000. This foundation is to be devoted, at the discretion of the Managers, to providing adequate undergraduate instruction in the theory and practice of our own and other governments, in the history of past attempts to secure international agreements and in the methods by which good international understanding may be promoted and maintained. Book value to date, \$99,303.19.

WALTER CARROLL BRINTON MEMORIAL FUND

Founded in 1920 by gift of \$5,000 by the family of Walter Carroll Brinton, Class of 1915, who died in France Twelfth Month 8, 1918, while engaged in Friends' Reconstruction Work. The fund sustained the Walter Carroll Brinton Scholarship until 1926-1927. It was then increased \$6,000 by further gifts of the founders, and at their request the purpose was changed from a scholarship fund to form a separately named fund of the William Penn Foundation, with its income to be used for the same objects. Present book value, \$13,743.23.

CORPORATION FUND

Founded in 1928 by setting aside \$70,000 of proceeds from sale of 5.811 acres of land on the southern boundary and at the southeastern corner of the College farm. In 1937, the fund was increased \$8,810, being proceeds of the sale of 1.762 acres of land to the Philadelphia Skating Club and Humane Society for their new ice skating rink. Present book value, \$77,843.13. The fund is invested and the income used for general college purposes, until otherwise directed by the Managers.

ELIZABETH J. SHORTRIDGE FUND

Founded in 1930 by bequest from Elizabeth J. Shortridge, without restrictions. The fund is invested, and until otherwise directed by the Managers, the income only is used for general purposes. Present book value, \$9,729.18.

HAVERFORD COLLEGE

HOWARD COMFORT MEMORIAL FUND

Founded in 1934 and added to in 1935, 1936, and 1937 by donations totaling \$5,000 from President William Wistar Comfort in memory of his father, Howard Comfort, Class of 1870, who was a Manager from 1880 until his death in 1912, and Secretary of the Board of Managers from 1884 until 1908. The income only is to be used, and for general purposes. Present book value, \$4,891.15.

EMMA RIDGWAY COMLY FUND

Founded 1935 by bequest of \$50,000 from Emma Ridgway Comly, a Philadelphia Friend. The bequest was unrestricted as to both principal and income. The income is used for general purposes. Present book value, \$48,633.71.

ELLEN W. LONGSTRETH FUND

Founded 1935 by bequest of \$20,000 and her residuary estate from Ellen W. Longstreth, a Friend belonging to Haverford Meeting, and living in Bryn Mawr. The principal and income are both unrestricted. The bequest of \$20,000 and \$84,416.28 in 1935-1936, \$3,338.69 in 1936-1937, and \$73.33 in 1938 from the residuary estate have been received, making \$107,828.30 in all. There are some parcels of real estate not yet liquidated, which will somewhat increase this fund. The income is used for general purposes. Present book value, \$106,978.42.

ALBERT L. BAILY FUND

Founded in 1936 by an unrestricted bequest of \$5,000 from Albert L. Baily, '78. The income is used for general purposes. Present book value, \$4,864.59.

ELIZABETH B. WISTAR WARNER FUND

Founded First Month 16, 1937, by unrestricted bequest of \$4,950 from Elizabeth B. Wistar Warner, of Germantown, widow of George M. Warner, '73. The income is used for general purposes. Present book value, \$4,815.95.

T. ALLEN HILLES BEQUEST

Founded First Month 19, 1937, by receipt of the proceeds of a trust fund created in 1935 by T. Allen Hilles, class of 1870, formerly of Wilmington, Delaware, recently of Glen Mills, Pa., who died 11th Month 15, 1935. The amount received in stocks and cash was \$285,000. Proceeds of mortgages of \$7,460.94 in 1938, and final cash from executor in 1939 of \$1,603.37 brought the gross total to \$294,064.31. From this was deducted in 1939 the final settlement of taxes and fees totalling \$13,300, thus making the final net bequest \$280,764.31. Accumulated income of \$12,489.77 was also received on First Month 19, 1937. In the trust created by the donor in 1935 he provided: "The gift to Haverford College shall constitute a fund to be known as 'The Hilles Bequest,' and the income shall be used for repair, upkeep and improvement of the building which I have given to Haverford College known as the Hilles Laboratory of Applied Science of Haverford College. My purpose in making this gift is primarily to relieve the Corporation of Haverford College from any additional expense on account of the erection of the building which I have given them, and the accompanying expansion of its educational activities, but whenever and if the Board of Managers or other governing body of the College shall determine it to be for the best interest of the College to devote the whole or any part of the income of the fund to uses other than those above specified, such income may be applied to such uses and in such manner as the Board of Managers or other governing body may in its absolute discretion determine." Present book value, \$273,160.51.

LEONARD L. GREIF, JR., AND ROGER L. GREIF FUND

Founded Ninth Month 29, 1937, by gift of \$1,000 from Leonard L. Greif, '34, and Roger L. Greif, '37, of Baltimore. The gift was unrestricted, but the Managers have set aside this fund as endowment for general purposes, the income only to be used, until otherwise determined by them. Present book value, \$972.92..

HAVERFORD COLLEGE

EDWARD M. WISTAR FUND

Founded First Month 9, 1938, by gift of \$2,500 from Edward M. Wistar, '72. for endowment, the income only to be used for general purposes. Present book value, \$2,432.30.

MORRIS E. LEEDS FUND

Founded Sixth Month 26, 1941, by gift of 400 Participating Shares of Leeds and Northrup Stock Trust. The fund is unrestricted as to principal and interest, but was ordered by the Managers, until otherwise directed, to be included among the funds for General Purposes. the income only to be used. Present book value, \$39,812.16. This fund is subject to an annuity of \$1600, during the life of its donor.

J. HENRY SCATTERGOOD FUND (New This Year)

Founded Tenth Month, 1941, by donations totalling \$1,660, made by members of the Board of Managers in recognition of the services for 25 years of J. Henry Scattergood, '96, as Treasurer of the Corporation of Haverford College.

The income of this fund is to be used in the field of International Relations and to be at the disposal of the President of the College and the William Penn Professor holding the Chair in Political Science and International Relations. If the income in any year is not used for the special purposes as stated, in the discretion of the President, it may be used for general purposes. It is further provided that after Tenth Month 1, 1951 the use of the fund for other purposes, both as to principal and income, shall be subject to the direction of the Board of Managers of Haverford College.

FUND FOR GRADUATE SCHOOL

MOSES BROWN FUND

A trust founded by T. Wistar Brown, in 1906, as a memorial to his father, Moses Brown. Transferred to the College in 1916 after his death, having at that time a par value of \$372,821.91 and book value of \$318,823.56. Present book value, \$342,756.69. The fund was created to establish a graduate course in religious study in harmony with and supplementary to the teaching and study provided for by the John Farnum Brown Fund. The income only is to be used; at least ten per cent of the total income must be capitalized each year. The unused income, if any, is likewise capitalized at the close of each fiscal year. The graduate school supported by the Moses Brown Fund was designated "The Thomas Wistar Brown Graduate School." In 1927 the former separate school was discontinued and eight graduate scholarships were created.

In 1937-1938, arrangements were first made for cooperation in courses with Pendle Hill, a school for religious education, located at Wallingford, Pa.

FUNDS FOR INFIRMARY

INFIRMARY ENDOWMENT FUND

Founded in 1911 from subscriptions totaling \$9,072.55, raised among alumni and friends of the College. Present book value, \$9,392.00. The income is used toward the expenses of the Morris Infirmary.

JOHN W. PINKHAM FUND

Founded in 1911 by legacy of \$5,000 from Dr. John W. Pinkham, '60, being transmitted by gift from his widow, Cornelia F. Pinkham. Present book value, \$4,922.48. There are no binding conditions, but as she expressed an interest in the Morris Infirmary, then building, the Board of Managers directed that the income of this fund should be used in the support and maintenance of the Infirmary.

HAVERFORD COLLEGE

FUND FOR HAVERFORD UNION

HAVERFORD UNION FUND

Founded in 1920 by gift of \$1,000 par value of bond at book value of \$800 and \$678.59 cash, and all the personal property in the Union from the Haverford College Union. The College assumed the responsibility for the care of the building First Month 16, 1920. The income is used toward the maintenance of the Union building. Present book value, \$1,827.94.

FUNDS FOR SCHOLARSHIPS

THOMAS P. COPE FUND

Founded in 1842 by gift of sixty shares of Lehigh Coal and Navigation Co. stock, par value \$3,000, from Thomas P. Cope. Present book value, \$5,115.42. The income only is to be used "for the education of young men to qualify them to become teachers, but who are not of ability to pay their own schooling." This fund sustains the Thomas P. Cope Scholarships.

EDWARD YARNALL FUND

Founded in 1860 by bequest of \$5,000 from Edward Yarnall. Present book value, \$5,904.86. The income only is to be used for "the support of free scholarships." The fund sustains the Edward Yarnall Scholarships.

ISAIAH V. WILLIAMSON FUND

Founded in 1876 and increased in 1883 by gifts of sundry ground rents from Isaiah V. Williamson. Present book value, \$19,280.69. The income only is to be used for free scholarships. The fund sustains the Isaiah V. Williamson Scholarships.

RICHARD T. JONES SCHOLARSHIP FUND

Founded in 1885 by bequest of \$5,000 from Jacob P. Jones as a memorial to his late son, Richard T. Jones, '63. Present book value, \$4,919.32. The income only to be used to sustain the "Richard T. Jones Scholarship."

MARY M. JOHNSON SCHOLARSHIP FUND

Founded in 1897 by bequest of \$5,000 from Mary M. Johnson. Accrued interest before payment to the College increased the fund by \$3,062.95. Present book value, \$6,823.67. The bequest was to establish a "perpetual scholarship." The fund sustains the Mary M. Johnson Scholarships.

SARAH MARSHALL SCHOLARSHIP FUND

Founded in 1897 by bequest of \$5,000 from Sarah Marshall. Accrued interest before payment to the College increased the fund by \$2,589.49. Present book value, \$7,705.27. The bequest was to establish a "perpetual scholarship." The fund sustains the Sarah Marshall Scholarships.

CLEMENTINE COPE FELLOWSHIP FUND

Founded in 1899 by gift of \$25,000 from Clementine Cope. Present book value \$22,227.14. The gift was to establish the "Clementine Cope Fellowship Fund to assist worthy and promising graduates of Haverford College in continuing their course of study at Haverford or at some other institution of learning in this country or abroad." The selection of the Fellows is made by the Board of Managers upon nomination by the Faculty.

ISAAC THORNE JOHNSON SCHOLARSHIP FUND

Founded in 1916 by gift of \$5,000 from Isaac Thorne Johnson, '81. Present

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book value, \$7,810.03. The gift was to establish "The Isaac Thorne Johnson Scholarship to aid and assist worthy young men of Wilmington Yearly Meeting or of the Central West to enjoy the privileges of Haverford College." Unused income is added to the principal of the fund.

CASPAR WISTAR MEMORIAL SCHOLARSHIP FUND

Founded in 1920 by gift of Edward M. and Margaret C. Wistar of \$5,000 par value in bonds in memory of their son, Caspar Wistar, of the Class of 1902, who died in Guatemala in 1917 while engaged in mission service in that country. The income only is to be used for scholarships, primarily for sons of parents engaged in Christian service, including secretaries of Young Men's Christian Associations, or students desiring preparation for similar service in America or other countries. Present book value, \$2,871.28.

J. KENNEDY MOORHOUSE SCHOLARSHIP FUND

Founded in 1926 by gifts totaling \$3,000, with \$1,000 added in 1926, and \$1,000 in 1928 and \$1,000 in 1929 from the Class of 1900 in memory of their classmate, J. Kennedy Moorhouse. The scholarship provided by this fund is "to be awarded, whenever a vacancy shall occur, to the boy ready to enter the Freshman class, who in the judgment of the President of the College appears best fitted to uphold at Haverford the standard of character and conduct typified by J. Kennedy Moorhouse, 1900, as known to his classmates: A man, modest, loyal, courageous, reverent without sanctimony; a lover of hard play and honest work; a leader in clean and joyous living." Present book value, \$5,016.22.

LOUIS JAQUETTE PALMER SCHOLARSHIP FUND

Founded in 1928 by gift of \$5,000 from Triangle Society, as follows:

"The Triangle Society of Haverford College herewith presents to the Corporation of Haverford College, a fund of Five Thousand Dollars (\$5,000) to be hereafter known and designated as the 'Louis Jaquette Palmer Scholarship Fund';

"This fund represents contributions from the members of the Triangle Society of Haverford College who have been thus inspired to perpetuate the memory of their fellow member, Louis Jaquette Palmer, of the Class of 1894, one of the founders of the Triangle Society, whom they admired for his cooperative spirit and constructive interest in student and community welfare. The fund is placed with the Corporation of Haverford College with the understanding:

"That such student shall be selected from a list of those eligible for entrance to Haverford College, who shall have combined in his qualifications the fulfillment of such conditions as apply to applicants for the Rhodes Scholarships under the terms of its creation, and furthermore that the student so selected and entered in Haverford College may continue to receive said scholarship fund throughout his course at College, subject to the approval of the Committee, otherwise preference shall be given to applications for the Freshman Class;

"That the selection of said student and the determination of the qualities and conditions hereinbefore mentioned shall be subject to the decision and control of a committee of three (3), which committee shall be composed of two (2) members of the Triangle Society and the President of Haverford College, the said members of the Triangle Society to select and recommend the applicants and the committee as a whole to determine their qualifications and eligibility.

"Finally, in the event that no student is selected by the Triangle Society or that a vacancy occurs, the income from said funds and any additions shall accumulate as provided under the customary rules and regulations of the Corporation of Haverford College."

Present book value, \$4,864.59.

PAUL W. NEWHALL MEMORIAL SCHOLARSHIP FUND

Established in 1931 by bequest of \$5,045.60 from Mary Newhall in memory of her father, Paul W. Newhall, a Manager, 1844-48, for the establishment of a scholarship fund. The income only to be used for free scholarship purposes. Present book value, \$4,908.95.

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ROBERT MARTIN ZUCKERT MEMORIAL SCHOLARSHIP FUND

Founded in 1935 by gift of \$750, \$2,000 each year 1936 to 1940, and in 1942, and \$2,500 in 1941, by Harry M. Zuckert, New York, in memory of his son, Robert Martin Zuckert, of the Class of 1936, who was killed in an accident in June, 1935. The income is to be used for a scholarship and the donor said, "I should prefer a boy who is a native of New York or Connecticut and who now resides in one of those States." Present book value, \$14,957.79.

SAMUEL E. HILLES ENDOWMENT

CREATED BY MINA COLBURN HILLES

Founded in 1935 by gift of \$5,000 from Mrs. Mina Colburn Hilles, of Orlando, Fla., in memory of her husband, Samuel E. Hilles, Class of 1874, formerly of Cincinnati, who died in 1931. This fund was created under a trust deed with Central Title and Trust Co., Orlando, Fla., to whom annual reports are to be made. The income only is to be used for scholarships for worthy students who are unable to finance their expenses at Haverford College. Present book value, \$4,881.43.

CLASS OF 1913 SCHOLARSHIP FUND

Founded Fourth Month 15, 1937, by gift of \$3,000 from Class of 1913 for the endowment of scholarship aid. The income only is to be used for scholarship aid, to be awarded annually to a worthy student of any undergraduate class. Preference is to be given to sons of members of the Class of 1913 who may apply and who meet the usual requirements of the College. Present book value \$2,918.75.

THE AUGUSTUS TABER MURRAY RESEARCH SCHOLARSHIP FUND

Founded Fifth Month 31, 1939 by gift from two anonymous friends of Dr. Augustus Taber Murray, '85, by gifts of \$20,000 par value of securities subject to annuity during their lives, and with permission to use principal for the annuity payments, if necessary.

Upon the deaths of the two annuitants, the remaining principal shall be held in a fund, the "Income to be used for scholarships in recognition of the scholarly attainments of Augustus Taber Murray, a distinguished Alumnus of Haverford College, of the Class of 1885, and for many years a professor of Leland Stanford University, the fund to be known as 'The Augustus Taber Murray Research Scholarship.' Then scholarships in English literature or philology, the classics, German literature or philology (in order of preference) shall be awarded upon such terms and conditions as the College may from time to time establish to students who have received the bachelor's degree at Haverford College, and shall be awarded for the purpose of study in other institutions toward the degree of Doctor of Philosophy or such degree as may in the future correspond to that degree."

The amount of the Scholarship is to be \$900 a year whenever awarded, and only unmarried students are eligible to hold it. Present book value \$21,360.00.

THE CLASS OF 1917 SCHOLARSHIP FUND (New This Year)

Founded Seventh Month 13, 1942 by initial gift of \$2,000.00 from the Class of 1917, John W. Spaeth, Jr., Treasurer, as a Twenty-fifth Anniversary Gift. A further gift of \$250.00 was made at the same time to cover the first two years of a scholarship of \$125.00 per year. Preference is to be given to a son of a member of the Class of 1917. The income only is to be used for a scholarship to the extent of \$125.00 per annum. Further contributions from the members of the Class of 1917 are to be applied in the following order:

(1)—To supplement the annual income from the principal sum of \$2,000.00, so that the annual scholarship stipend shall be \$125.00, or as near that sum as may be;

(2)—To add to the principal sum any surplus of these annual contributions not needed to serve the purpose of (1). Since the scholarship stipend for the years 1942-1943 and 1943-1944 is already provided for by the additional \$250.00 already contributed by the Class of 1917, the annual contributions from the Class in these two years may be added at once to the principal sum of \$2,000.00, thus serving the purpose of (2) above.

HAVERFORD COLLEGE

FUNDS FOR THE LIBRARY

ALUMNI LIBRARY FUND

Founded in 1863 by contributions from the alumni and other friends of the College. In 1909 the unexpended balance (about \$5,000) of a fund of \$10,000 raised in 1892, and known as the "New Library Fund," was merged into the Alumni Library Fund. Present book value, \$16,962.88. The income is used for binding and miscellaneous expenses of the Library.

MARY FARNUM BROWN LIBRARY FUND

Founded in 1892 by gift of \$20,000 from T. Wistar Brown, executor of the Estate of Mary Farnum Brown. Additions were made by T. Wistar Brown in 1894, \$10,000 for a lecture fund, and in 1913, \$20,000. In 1916, after T. Wistar Brown's death, there was added to this fund \$34,499.78 par value of securities, book value, \$30,149.78, being a trust which he had created for this purpose in 1908 and to which he had made additions in subsequent years. Present book value, \$64,657.53. The purpose of this fund (except \$10,000) is for the increase and extension of the Library. The income only is to be used for the purchase of books, and one-fifth of same is to be spent for books promoting the increase of Christian knowledge. The books purchased with the income of this fund are marked by a special book-plate. The income of \$10,000 of the fund is to provide for an annual course of lectures upon Biblical subjects designated "The Haverford Library Lectures." Unused income from the fund, if any, must be capitalized at the end of each fiscal year.

WILLIAM H. JENKS LIBRARY FUND

Founded in 1910 by gift of \$5,000 from Hannah M. Jenks, widow of William H. Jenks. The fund was first known as "Special Library Fund," but after the death of Hannah M. Jenks was changed, in 1916, to "William H. Jenks Library Fund." Present book value, \$4,864.59. The purpose of this fund is that the income shall be used for the care of the collection of Friends' books made by William H. Jenks and given by his widow to Haverford College, and to make appropriated additions thereto. Any income not used for these purposes may be used toward the general needs of the Library.

MARY WISTAR BROWN WILLIAMS LIBRARY FUND

Founded in 1914 by gift of \$20,000 from Parker S. Williams, '94, as a memorial to his late wife, Mary Wistar Brown Williams. Present book value, \$19,756.78. The income only is to be used for the purchase of books for the Library, preferably books coming within the classes of history, poetry, art, and English and French literature. The books purchased with the income of this fund are marked by a special book-plate.

ANNA YARNALL FUND

Founded in 1916 by residuary bequest of \$13,000 par value of securities with book value of \$7,110, and one-half interest in suburban real estate from Anna Yarnall. Additional amount under bequest was received in 1918. Present book value, \$168,425.33. The real estate was sold in 1923 and netted the College \$164,820.50. The bequest was made for the general use of the Library. The Testatrix says, "I do not wish to restrict the managers as to the particular application of this fund, but desire them to use the income arising from it as in their best judgment and discretion shall seem best, for the purchase of books and manuscripts, book cases, rebinding of books, and, if need be, the principal or portions thereof, or the income or portions thereof, for additions to the present Library building, or the erection of new Library buildings. I direct that all books purchased with this fund shall be plainly marked 'Charles Yarnall Memorial' in memory of my father, Charles Yarnall."

HAVERFORD COLLEGE

F. B. GUMMERE LIBRARY FUND

Founded in 1920 by gift of \$635.47, raised among the students by the Students Association of the College as a memorial to Professor Francis Barton Gummere. The income only is to be used to buy for the Haverford College Library books on the subjects that he taught or was interested in.

The student's Association voted also to raise twenty-five dollars for a special shelf in the Library to be known as the "F. B. Gummere Memorial Shelf." This shelf, with its proper inscription, holds the books purchased by this fund. Present book value, \$618.26.

EDMUND MORRIS FERGUSSON, JR., CLASS OF 1920 MEMORIAL FUND

Founded in 1920 by memorial gift of \$1,000 from the family of Edmund Morris Fergusson, Jr., Class of 1920, who died at the College in his Senior year. The income only is to be used for the maintenance and increase of the Library's Department of English and American Literature. The books purchased with the income of this fund are marked by a special book-plate indicating its source. Present book value, \$975.20.

CLASS OF 1888 LIBRARY FUND

Founded Sixth Month 15, 1938, by gifts totaling \$5,250 from members and families of the Class of 1888, on the occasion of their fiftieth anniversary. The conditions of the gift are as follows:

- (1) A fund is to be established, to be known as "THE CLASS OF 1888 LIBRARY FUND."
- (2) The income only of this fund is to be used exclusively for the purchase of books for the Haverford College Library, except as noted below (in Clause 6).
- (3) The fund established now will be added to later by gift or bequest.
- (4) Members of the Class also expect to donate books to the Library, with the understanding that when such books are duplicates of books already in the Library, they may be exchanged for books needed, or sold, and the money so obtained used in the same way as the income of the fund.
- (5) All books purchased by the income of the fund (or obtained as in 4) are to be provided with a special book-plate to be furnished by the Class.
- (6) Income from the Class Fund or moneys obtained by sale of duplicate books may, when necessary, be used for binding or repair of books designated as belonging to the Class collection. In 1939-1940, additional donation of \$500 was made. The present book value is \$5,594.93.

CLASS OF 1918 LIBRARY FUND

Founded Third Month 24, 1938 by gift from the Class of 1918 in commemoration of their twentieth anniversary. The gift was \$1,753.52 of which \$500 was spent for a portrait of the late Rayner W. Kelsey, Professor of History, who died Tenth Month 29, 1934; and the balance of \$1,253.52 was used in establishing a new Library Fund, the income to be used for books. Present book value, \$1,219.58.

FUNDS FOR PENSIONS

PRESIDENT SHARPLESS FUND

Founded in 1907 by contributions from interested friends of the College, finally amounting to \$40,000. Present book value, \$40,120.27. The income is to be used for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. The income from this fund is annually transferred to the Haverford College Pension Fund for old style pensions, or, if not needed for pensions, is capitalized in said fund.

HAVERFORD COLLEGE

WILLIAM P. HENSZEY FUND

Founded in 1908 by gift of \$10,000 from William P. Henszey, donated in connection with the raising of the President Sharpless Fund, but kept as a separate fund. Increased in 1909 by legacy of \$25,000 from William P. Henszey. Present book value, \$35,763.15. The income is to be used, as in the President Sharpless Fund, for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. The income from this fund is annually transferred to the Haverford College Pension Fund for old style pensions, or, if not needed for pensions, is capitalized in said fund.

JACOB P. JONES BENEFIT FUND

Founded in 1909 and increased in 1910 by proceeds of land sold for account of Jacob P. Jones legacy. Present book value, \$66,269.08. The income is to be used, as in the President Sharpless Fund, for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. The income from this fund is annually transferred to the Haverford College Pension Fund for old style pensions, or, if not needed for pensions, is capitalized in said fund.

PLINY EARLE CHASE MEMORIAL FUND

Founded in 1909 by transfer to the College of a fund raised in 1887 in memory of Professor Pliny Earle Chase, and amounting to par value of \$4,173.04. Present book value, \$3,183.61. The income of this fund is used, as in the President Sharpless Fund, for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. This income is transferred annually to the Haverford College Pension Fund, for old style pensions, or, if not needed for pensions, is capitalized in said fund.

HAVERFORD COLLEGE PENSION FUND

Founded in 1920 and added to since, being accumulations of income from the President Sharpless Fund, the William P. Henszey Fund, the Jacob P. Jones Benefit Fund and the Pliny Earle Chase Memorial Fund, not needed for pensions. Present book value, \$109,006.38. The income from this fund, together with the income from the four above-mentioned funds, is used for old style pensions. Income not needed for pensions was capitalized until 1932; then any unused income was used toward the College's share in cost of new contributory pensions with the Teachers' Annuity and Insurance Association. Now the old style pensions call for more than the income of all these Pension Funds. When the proper time comes in an actuarial sense, the principal of this fund can be used as well as the income for the old style pensions until they cease.

FUNDS FOR SPECIAL PURPOSES

THOMAS SHIPLEY FUND

Founded in 1904 by gift of \$5,000 from the late Samuel R. Shipley as a memorial to his father, Thomas Shipley. Present book value, \$5,105.88. The income only to be used for lectures on English Literature at the College. In case of actual need, at the discretion of the President of the College, the income can be used for general expenditures.

ELLISTON P. MORRIS FUND

Founded in 1906 by gift of \$1,000 from Elliston P. Morris, '48. Present book value, \$1,096.24. The income is to be used as a prize for essays to be written by students on the subject of Arbitration and Peace. "The Elliston P. Morris Prize" of \$40 is given in each year, the competition being open to all undergraduates and to graduates of not more than three years' standing.

In 1929, it was determined, with the consent of the family of Elliston P. Morris, that when the prize is not awarded the income may be used for the purchase of library books on arbitration and peace.

HAVERFORD COLLEGE

JOHN B. GARRETT READING PRIZE FUND

Founded in 1908 by a gift of \$2,000 par value of bonds by the late John B. Garrett, '54. It was the purpose of the donor to ensure the permanence of a prize or prizes for Systematic Reading, which he had given for a number of years. The prizes were not awarded from 1922 to 1939 on account of default of the bonds. Reorganization has resulted in 1939 in sufficient recovery of value to provide again for this prize. Present book value \$2,210.70.

SPECIAL ENDOWMENT FUND

Founded in 1909 by gift of \$12,000 par value of bonds, book value \$11,800, from an anonymous donor. Present book value, \$8,977.18. The income only of this fund to be used "to furnish opportunity for study of social and economic and religious conditions and duties connected therewith, especially from a Christian point of view." The income is used toward the expenses of Summer Schools for Religious Study, which have been held at Haverford and Swarthmore Colleges from time to time, and also for religious education under Friends' care.

On Fifth Month 16, 1930, the Managers adopted the following amendment, made at the suggestion of the donor, now revealed to be John Thompson Emlen, 1900: "If, however, it shall in the course of time be deemed advisable by the President and the Managers that the income of this fund can be used more profitably by the College for other purposes than those herewith stated, it is my desire that they shall act in accordance with their judgment."

SCHOLARSHIP IMPROVEMENT PRIZE FUND

Founded in 1913 by gift of \$2,000 par value of bonds, book value, \$1,200, from John L. Scull, '05. Present book value, \$2,234.67. The income only to be used to establish two prizes of \$50 and \$45 annually to the two students in the graduating class showing the most marked and steady improvement in scholarship during their college course.

ELIZABETH P. SMITH FUND

Founded in 1915 by bequest of \$1,000 from Elizabeth P. Smith. Present book value, \$1,696.83. The income only to be used as a prize for the best essays on Peace written by students of the College.

S. P. LIPPINCOTT HISTORY PRIZE FUND

Founded in 1917 by gift of \$2,500 par value of bonds, book value, \$2,546.88, from beneficiary of the estate of S. P. Lippincott, '86. Present book value, \$2,477.90. The income only to be used as an annual history prize, which is designated "The S. P. Lippincott History Prize." The award is to be made on the basis of a competitive essay. In any year when no award is made, the income is to be used for the purchase of library books in the field of the unawarded prize.

FRANCIS STOKES FUND

Founded in 1919 by gift of \$5,000 in securities, book value, \$5,000, from Francis J. Stokes, '94, in memory of his father, Francis Stokes, of the Class of 1852, and a Manager of Haverford from 1885 until his death in 1916. Present book value, \$4,981.63. The income is to be used for extending the planting of trees and shrubs on the College grounds. The wish is expressed, but not as a binding condition of the gift, that the Campus Club should have the direction of the expenditure of this income.

HAVERFORD COLLEGE

GEORGE PEIRCE PRIZE FUND

Founded in 1919 by gift of \$600, and increased in 1920 by further gift of \$400, from Harold and Charlotte C. Peirce in memory of their deceased son, George Peirce, '03. Present book value \$2,069.66. The income only is to be used for a prize, to be called the George Peirce Prize in Chemistry or Mathematics, to the student who, in the opinion of the Faculty, has shown marked proficiency in either or in both of these studies and who wishes to follow a profession which calls for such preparation. Unused income is capitalized, as requested by the founders of the fund.

LYMAN BEECHER HALL PRIZE FUND

Founded in 1924 by donation of securities of par value, \$2,000, book value, \$1,820, from the Class of 1898 in commemoration of their 25th anniversary of graduation to establish an annual prize of \$100 in Chemistry in honor of Doctor Lyman Beecher Hall, Professor of Chemistry at Haverford College from 1880 to 1917. Present book value, \$2,096.63.

NEWTON PRIZE FUND

Founded in 1925 by donation of five shares of General Electric Co. stock by A. Edward Newton, par value, \$500, and book value, \$1,348.25. Present book value, \$1,359.89. The income only is to be used for "The Newton Prize in English Literature to the undergraduate who shall submit the best essay on some subject connected with English literature." In 1930, the award was changed to be on the basis of Final Honors, and in any year when no award is made the income is to be used for the purchase of library books in the field of the unawarded prize.

EDWARD B. CONKLIN ATHLETIC FUND

Founded in 1925 and added to in 1926, 1927 and 1929 by Frank H. Conklin, '95, in memory of his brother, Edward B. Conklin, '99. Present book value, \$2,335.01. The income is to be used without restriction in any branch of athletics.

ARBORETUM FUND

Founded in 1928 by setting aside \$5,000 from proceeds from sale of 5.811 acres of land on the southern boundary and southeast corner of the College farm. Until otherwise ordered by the Managers, the fund is to be invested and the income only is to be used under the direction of the Campus Club for trees and shrubs upon the College grounds, or for their care, or for other similar purposes. Present book value, \$4,463.50.

WILLIAM ELLIS SCULL PRIZE FUND

Founded in 1929 by William Ellis Scull, '83, by a gift of \$2,000. The income is to be used annually, so long as the Managers may judge expedient, as a prize to be awarded at Commencement by the Faculty to that upper classman who in their judgment shall have shown the greatest improvement in voice and the articulation of the English Language. The prize is to be known as "The William Ellis Scull Prize," Present book value, \$1,945.84.

C. WHARTON STORK ART FUND

In First Month, 1930, C. Wharton Stork, of Class of 1902, donated to the Corporation securities of a then value of \$69,000 on account of a contemplated gift for the purpose of erecting, equipping, and furnishing an Art Museum at the College. Purchases were made by C. Wharton Stork of paintings, which are now exhibited on loan at the Philadelphia Museum of Art. This fund is to be liquidated and is not included in the total of the funds.

PAUL D. I. MAIER FUND

Founded Tenth Month 7, 1936, by bequest of \$1,000 from Paul D. I. Maier, '96, of Byrn Mawr, Pa. The bequest provides for the continuance of the Class of 1896 Prizes of \$10 each in Latin and Mathematics, and any balance of income is to be used for general purposes. Present book value, \$972.92.

STRAWBRIDGE OBSERVATORY MAINTENANCE FUND

Founded Second Month 13, 1937, from donations of \$5,627.37 from members of the Strawbridge family, being the amount in excess of the actual cost of the rebuilding and reequipment of the William J. Strawbridge, '94, Memorial Astronomical Observatory. The income is used for the maintenance and equipment of the observatory. The principal can be used for additional equipment, if so determined by the Board of Managers. In 1938 and 1939 an astrographic camera was so purchased at a cost of \$1,787.83. Present book value, \$3,735.55.

JACOB AND EUGENIE BUCKY MEMORIAL FOUNDATION

(New This Year)

Founded Sixth Month 4, 1942 by gift of \$2,000.00 from Colonial Trust Company of New York and Solomon L. Fridenberg of Philadelphia, co-trustees under the will of Eugenie Bucky, deceased (late of New York), the income only to be used. At the same time accumulated income of \$2,000.00 was also donated as Bucky Foundation Gift, this amount to be available for use for the same purposes as the income of the Foundation. Extracts from Mrs. Bucky's will and codicils in reference to the purposes of the Bucky Foundation are here made as follows:

"The purpose or object of such a Foundation or Fund is and shall be for the encouragement of them who seek new truths, and who endeavor to free and clear from mystery and confusion our knowledge concerning God¹; and thereby to enforce more effectively the common laws of mutual love and obligation, peace and goodwill, between and among our several creeds, races, nations, and markets.²

"My aim, intention, purpose and object is to help in promoting piety among men, enlightening their ignorance and bettering their condition, by making more and more extensive and by spreading among the public at large not only the preaching but also the practicing of the words of the . . . American motto 'In God We Trust' and of the . . . Preamble to the Constitution for the United States of America. I believe and therefore I aim, intend and purpose that the uplifting of men, women and children to the standard of life taught in the Scriptures and the Constitution for the United States of America is indeed the work of Charity, dispels ignorance, inculcates generous and patriotic sentiments, and fits the public groups and the individual men or women for their good usefulness in the American Commonwealth."

1. Associated with the American motto "In God We Trust."

2. Associated with the Preamble of the Constitution for the United States of America—"to form a more perfect union, establish justice, insure domestic tranquility, provide the common defense, promote the public welfare, and secure the blessings of liberty to ourselves and our posterity."

STATED MEETINGS OF THE CORPORATION AND THE MANAGERS

The Annual Meeting of "The Corporation of Haverford College" is held on the second third-day in the Tenth month, at 3 o'clock P.M.

The Stated Meetings of the Managers for 1941 will be held on the second Sixth-day of First and Third Months, and on the Third Sixth-Day of Fifth, Ninth and Eleventh months.

LEGACIES

The friends of the College, including former students, and all who are interested in the promotion of sound learning, are invited to consider the College in the disposition of their estates by will.

FORM OF BEQUEST OF PERSONAL PROPERTY

I give and bequeath, free and clear of all estate, inheritance or other similar taxes, unto the Corporation of Haverford College, the sum ofDollars.

FORM OF DEVISE OF REAL ESTATE

I give and devise, free and clear of all estate, inheritance or other similar taxes, unto The Corporation of Haverford College, its Successors and Assigns, in fee, the following described real estate: (Here describe the real estate.)





